

PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION

**Part Number:** [0850130050](#)  
**Status:** **Active**  
**Overview:** [din\\_41612](#)  
**Description:** 2.54mm (.100") Pitch DIN 41612 Header, Through Hole, Vertical, Style R/2 Reverse, 0.6µm (24µ") Selective Gold (Au), 32 Circuits, Lead free

**Documents:**  
[3D Model](#) [Product Specification PS-85013-0001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**Agency Certification**

CSA LR19980  
UL E29179

**General**

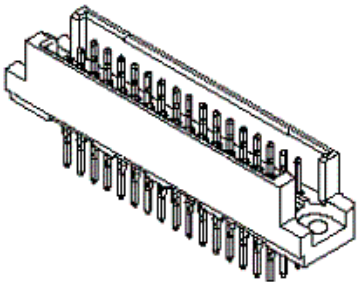
Product Family Backplane Connectors  
Series [85013](#)  
Application Backplane  
Component Type PCB Header  
Overview [din\\_41612](#)  
Product Name IEC 603-2/DIN 41612  
Style R/2

**Physical**

Circuits (Loaded) 32  
Circuits (maximum) 48  
Circuits Detail Rows A & C  
Durability (mating cycles max) 400  
First Mate / Last Break No  
Flammability 94V-0  
Guide to Mating Part No  
Keying to Mating Part Yes  
Number of Columns 16  
Number of Pairs Open Pin Field  
Number of Rows 3  
Orientation Vertical  
PC Tail Length (in) 0.177 In  
PC Tail Length (mm) 4.50 mm  
PCB Locator No  
PCB Retention Yes  
PCB Thickness Recommended (in) 0.062 In  
PCB Thickness Recommended (mm) 1.60 mm  
Packaging Type Bag  
Pitch - Mating Interface (in) 0.100 In  
Pitch - Mating Interface (mm) 2.54 mm  
Pitch - Term. Interface (in) 0.100 In  
Pitch - Term. Interface (mm) 2.54 mm  
Plating min: Mating (µin) 24  
Plating min: Mating (µm) 0.6  
Surface Mount Compatible (SMC) No  
Temperature Range - Operating -55°C to +125°C

**Electrical**

Current - Maximum per Contact 2.5A  
Data Rate 622.0 Mbps  
Voltage - Maximum 1000V (RMS)



*Series  
image - Reference only*

**EU RoHS**  
**ELV and RoHS**  
**Compliant**  
**REACH SVHC**  
Not Reviewed  
**Halogen-Free**  
**Status**  
**Not Reviewed**

**China RoHS**



**Need more information on product  
environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
For a multiple part number RoHS Certificate of  
Compliance, [click here](#)

Please visit the [Contact Us](#) section for any  
non-product compliance questions.

**Search Parts in this Series**  
[85013Series](#)

**Mates With**  
[85042](#) DIN 41612 Receptacle . [85052](#) DIN  
41612 Header

**Material Info**

**Reference - Drawing Numbers**

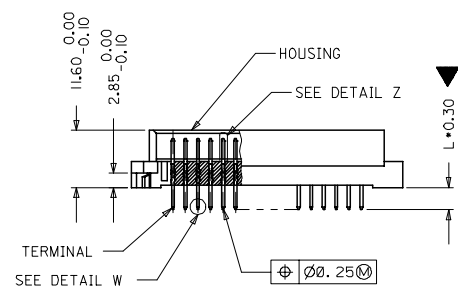
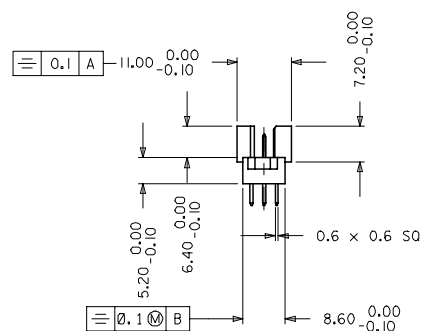
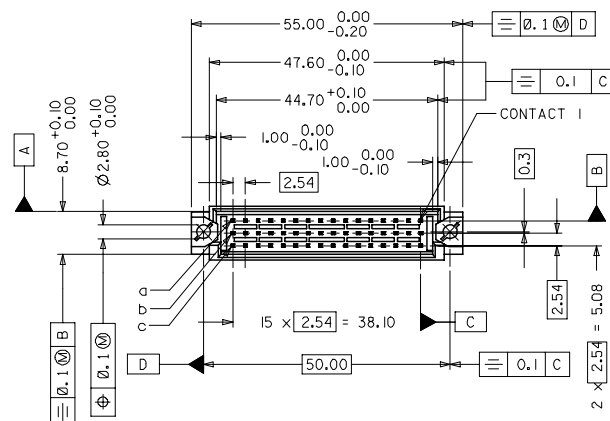
Product Specification  
Sales Drawing

PS-85013-0001  
E-85013-0002, E-85013-0050, SD-85013-0050,  
SDA-85013-0002, SDA-85013-0050

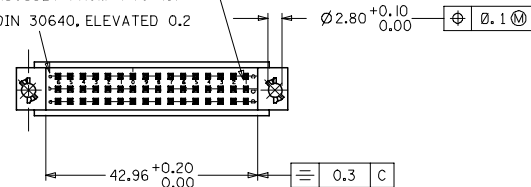
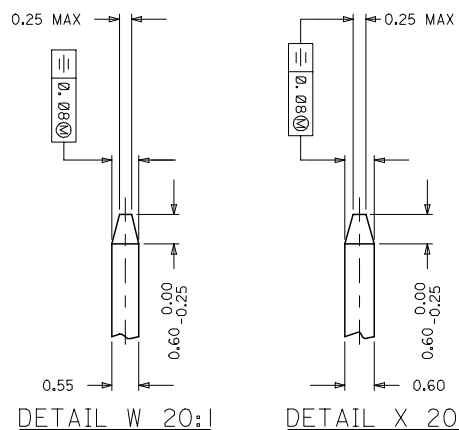
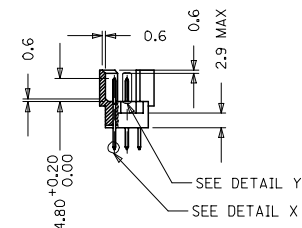
This document was generated on 05/17/2010

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1. MATERIAL NUMBER, BATCH CODE, UL CSA MARKING TO BE PRINTED ON THE CONNECTOR AS PER E-36502-005
2. PRODUCT SPECIFICATION PS:85013-001
3. PACKING SPECIFICATION PK: 36512-001
4. CUT FACES OF TIP WITHOUT PLATING IS PERMITTED
5. REFERENCE AREA OF PLATING
6. GAUGE DRAWING REFER E-36500-100



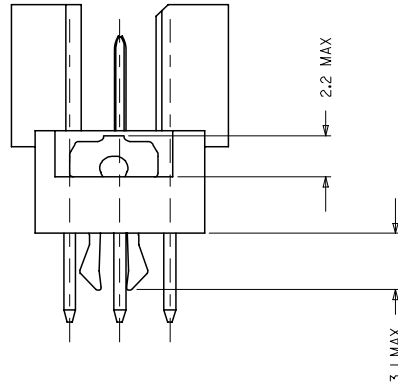
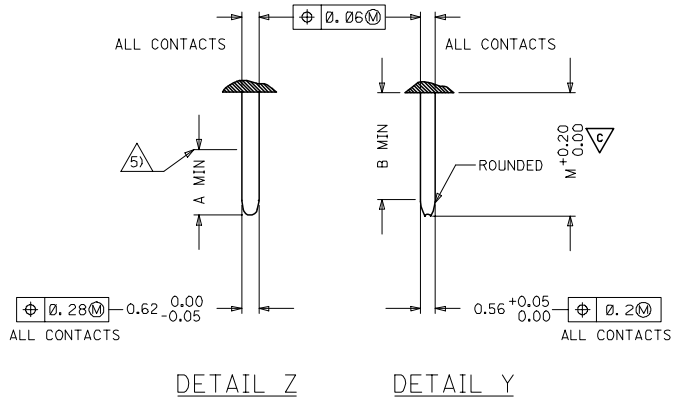
SCRIPT E1.5-6 DIN 30640, ELEVATED 0.2



|                    |            |               |                                                            |                                                                                                                               |              |                                          |              |              |                        |                           |
|--------------------|------------|---------------|------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|--------------|------------------------------------------|--------------|--------------|------------------------|---------------------------|
| EC. NO.: 2005-0092 |            | DESCRIPTION   | QUALITY SYMBOLS                                            | GENERAL TOLERANCES (UNLESS SPECIFIED)                                                                                         |              | DIMENSION STYLE<br>MM ONLY               |              | SCALE<br>2:1 | DESIGN UNITS<br>METRIC | THIRD ANGLE<br>PROJECTION |
| 2004/11/23         | 2004/11/23 |               | ▽=1<br>▽=0                                                 | mm                                                                                                                            | INCH         | DRAWN BY                                 | DATE         | TITLE        |                        |                           |
| DRINKSHIYASHA      | CHICKASAW  |               | 4 PLACES ± .001                                            | NS                                                                                                                            | 2004/03/31   | 48 POS. MALE CONNECTOR<br>ACC. DIN 41612 |              |              |                        |                           |
|                    |            |               | 3 PLACES ± .0005                                           | CHECKED BY                                                                                                                    | DATE         | STYLE R/2 CONTACTS                       |              |              |                        |                           |
|                    |            |               | 2 PLACES ± .005                                            | GJLOWE                                                                                                                        | 2004/03/31   | MOLEX INCORPORATED                       |              |              |                        |                           |
|                    |            | 1 PLACE ± 0.1 | APPROVED BY                                                | DATE                                                                                                                          |              |                                          |              |              |                        |                           |
|                    |            |               | GJLOWE                                                     | 2004/03/31                                                                                                                    |              |                                          |              |              |                        |                           |
|                    |            |               | ANGULAR ± 2 °                                              |                                                                                                                               |              |                                          |              |              |                        |                           |
|                    |            |               | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |                                                                                                                               | MATERIAL NO. |                                          | DOCUMENT NO. |              | SHEET NO.              |                           |
|                    |            |               |                                                            |                                                                                                                               | SEE CHART    |                                          | E-85013-0002 |              | 1 OF 2                 |                           |
|                    |            |               | SIZE                                                       | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |              |                                          |              |              |                        |                           |

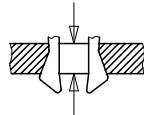
|                     |     |     |     |
|---------------------|-----|-----|-----|
| PRE MATING CONTACTS | 5.4 | 4.1 | 4.8 |
| NORMAL CONTACTS     | 4.8 | 3.5 | 4.2 |
|                     | M   | A   | B   |

## MALE CONNECTOR WITH MOUNTING CLIPS

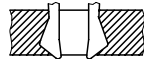


CLIPS SNAP UNDER  
PC - BOARD OF  
1.5 to 1.8 mm  
 $F_m < 60N$   
 $F_r > 20N$   
 $F_r > 200N$ , WHEN  
SOLDERED IN  
PLATED - THROUGH  
FIXING HOLES

$F_m$  = MOUNTING FORCE  
(FOR ONE CONNECTOR = 2 CLIPS)



$F_r$  = RETENTION FORCE  
(FOR ONE CONNECTOR = 2 CLIPS)



CLIPS STICK IN  
FIXING HOLE OF  
PC - BOARDS  
OVER 1.8 mm  
 $F_m < 60N$   
 $F_r > 16N$

|                                                                                                           |                                              |                               |                                       |         |                            |                    |                                                                                                                                  |                            |                              |
|-----------------------------------------------------------------------------------------------------------|----------------------------------------------|-------------------------------|---------------------------------------|---------|----------------------------|--------------------|----------------------------------------------------------------------------------------------------------------------------------|----------------------------|------------------------------|
| EC NO. 12005-0092<br>DRAWN BY: DR. N. S. YASHA<br>CHECKED BY: CH. K. RASAD<br>APPROVED BY: S. S. D. H. R. | DATE: 2004/11/23<br>2004/11/23<br>2004/11/23 | QUALITY SYMBOLS<br>▽=0<br>▽=1 | GENERAL TOLERANCES (UNLESS SPECIFIED) |         | DIMENSION STYLE<br>MM ONLY |                    | SCALE<br>2:1                                                                                                                     | DESIGN UNITS<br>METRIC     | THIRD ANGLE PROJECTION       |
|                                                                                                           |                                              |                               | mm                                    | INCH    | DRAWN BY<br>NS             | DATE<br>2004/03/31 |                                                                                                                                  |                            |                              |
| REV                                                                                                       | DESCRIPTION                                  | 4 PLACES ± 0.005              | ± 0.005                               | ± 0.005 | CHECKED BY<br>G. J. LOWE   | DATE<br>2004/03/31 | TITLE<br>48 POS. MALE CONNECTOR<br>ACC. DIN 41612<br>STYLE R/2 CONTACTS                                                          | MATERIAL NO.<br>G. J. LOWE | DOCUMENT NO.<br>E-85013-0002 |
|                                                                                                           |                                              | 3 PLACES ± 0.005              | ± 0.005                               | ± 0.005 |                            |                    |                                                                                                                                  |                            |                              |
| DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS                                                | SIZE<br>A1                                   | 2 PLACES ± 0.05               | ± 0.05                                | ± 0.05  | APPROVED BY<br>G. J. LOWE  | DATE<br>2004/03/31 | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | SHEET NO.<br>2 OF 2        | 1                            |
|                                                                                                           |                                              | 1 PLACE ± 0.1                 | ± 0.1                                 | ± 0.1   |                            |                    |                                                                                                                                  |                            |                              |

20191817161514131211987654321

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24-border-DGN\_REV A  
96/06/12 LEVEL 6

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A

A = 32 STANDARD CONTACTS L = 4.5

|                   |                                              |
|-------------------|----------------------------------------------|
| MARKING           | STANDARD                                     |
| PERFORMANCE LEVEL | G2/0 = CONTACT AREA LEVEL2 / TERMINATION TIN |
| FLUX PROOF        | NO                                           |
| FIXING CLIP       | NO                                           |
| DIMENSIONS        | E-85013-0002 SHT 1-2                         |

|                |                   |                         |
|----------------|-------------------|-------------------------|
| A              | G2/0              | a1-16 c1-16             |
| CONTACT SYMBOL | PERFORMANCE LEVEL | CONTACT POSITION NUMBER |

| SL. NO. | DESCRIPTION | CONTACT SYMBOL | PART NUMBER | QTY |
|---------|-------------|----------------|-------------|-----|
| 1       | HOUSING     |                | 36520-0002  | 1   |
| 2       | TERMINAL    | A              | 36527-0005  | 32  |

EC NO. I 2004-XXXX  
DRAWN: N.S. 31/03/04  
CHK'd: G.L. 31/03/04  
APPR: G.L. 31/03/04

A

REV

QUALITY SYMBOLS

MAJOR  
4

CRITICAL  
5

DESCRIPTION

GENERAL TOLERANCES: (UNLESS SPECIFIED)

4 PLACES

3 PLACES

2 PLACES

1 PLACE

mm

mm

mm

mm

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±

INCH

INCH

INCH

INCH

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±

±

±

ANGULAR: ± \*

SCALE

DESIGN UNITS

☐ mm

☒ INCH

DRAWN BY & DATE

CHECKED BY & DATE

APPROVED BY & DATE

G.L. 31/03/04

THIRD ANGLE PROJECTION

☐ mm

☐ INCH

☒ mm ONLY

TITLE: 48 POS MALE CONNECTOR  
ACCORDING DIN 41612 STYLE R/2  
CONTACTS ARRANGEMENT

MOLEX

MOLEX INCORPORATED

CAD FILENAME

MATERIAL NO.

DRAWING NO.

SHEET NO.

E-85013-0050.S01

85013-0050

E-85013-0050

1 OF 1

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.

SIZE

D

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16

A = 32 STANDARD CONTACTS    L = 4.5

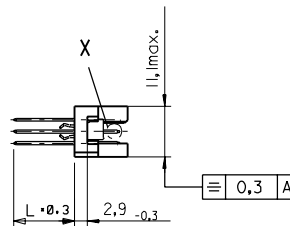
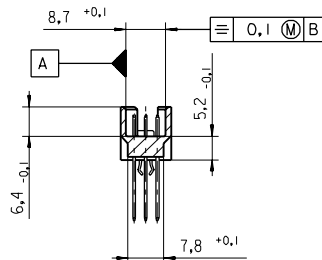
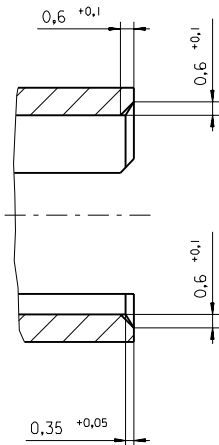
|                   |                                              |
|-------------------|----------------------------------------------|
| MARKING           | STANDARD                                     |
| PERFORMANCE LEVEL | G2/0 = CONTACT AREA LEVEL2 / TERMINATION TIN |
| FLUX PROOF        | NO                                           |
| FIXING CLIP       | NO                                           |
| DIMENSIONS        | SD-85013-0002 SHT 1                          |

|                |                   |                         |
|----------------|-------------------|-------------------------|
| A              | G2/O              | a1-16 c1-16             |
| CONTACT SYMBOL | PERFORMANCE LEVEL | CONTACT POSITION NUMBER |

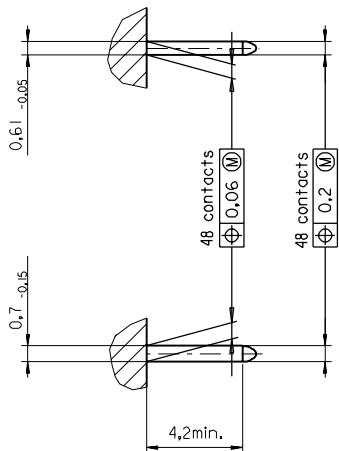
| REV |  | DESCRIPTION                                                                              | QUALITY SYMBOLS                                  |                                                                      | GENERAL TOLERANCES (UNLESS SPECIFIED) |                                     | SCALE | DESIGN UNITS                                                                      |  | THIRD ANGLE PROJECTION | DIMENSIONS:<br><input type="checkbox"/> mm <input checked="" type="checkbox"/> INCH <input type="checkbox"/> mm ONLY |  | SHT | REV. |                            |  |                              |  |                     |  |
|-----|--|------------------------------------------------------------------------------------------|--------------------------------------------------|----------------------------------------------------------------------|---------------------------------------|-------------------------------------|-------|-----------------------------------------------------------------------------------|--|------------------------|----------------------------------------------------------------------------------------------------------------------|--|-----|------|----------------------------|--|------------------------------|--|---------------------|--|
| B   |  | EC. NO. 1 2004-XXXX<br>DIPNS N.C. 3/103/04<br>CHIPS G.L. 3/103/04<br>APPRS G.L. 3/103/04 | <div>MAJOR<br/>▽</div> <div>CRITICAL<br/>∇</div> | <input type="checkbox"/> mm <input checked="" type="checkbox"/> INCH |                                       | DRAWN BY & DATE<br>N.S. 17/03/03    |       | TITLE: 48 POS MOLE MATTER<br>ACCORDING DIN 4162 STYLE R/2<br>CONTACTS ARRANGEMENT |  |                        |                                                                                                                      |  |     |      |                            |  |                              |  |                     |  |
|     |  |                                                                                          |                                                  | <input type="checkbox"/> mm <input checked="" type="checkbox"/> INCH |                                       | CHECKED BY & DATE<br>G.L. 17/03/03  |       | MOLEX INCORPORATED                                                                |  |                        |                                                                                                                      |  |     |      |                            |  |                              |  |                     |  |
|     |  |                                                                                          |                                                  | <input type="checkbox"/> mm <input checked="" type="checkbox"/> INCH |                                       | APPROVED BY & DATE<br>G.L. 17/03/03 |       |                                                                                   |  |                        |                                                                                                                      |  |     |      |                            |  |                              |  |                     |  |
|     |  |                                                                                          |                                                  | <input type="checkbox"/> mm <input checked="" type="checkbox"/> INCH |                                       | CAD FILENAME<br>SD-85013-0050,S0    |       |                                                                                   |  |                        |                                                                                                                      |  |     |      | MATERIAL NO.<br>85013-0050 |  | DRAWING NO.<br>SD-85013-0050 |  | SHEET NO.<br>1 OF 1 |  |
|     |  |                                                                                          |                                                  | <input type="checkbox"/> mm <input checked="" type="checkbox"/> INCH |                                       |                                     |       |                                                                                   |  |                        |                                                                                                                      |  |     |      |                            |  |                              |  |                     |  |
|     |  |                                                                                          |                                                  |                                                                      |                                       |                                     |       |                                                                                   |  |                        |                                                                                                                      |  |     |      |                            |  |                              |  |                     |  |
|     |  |                                                                                          |                                                  |                                                                      |                                       |                                     |       |                                                                                   |  |                        |                                                                                                                      |  |     |      |                            |  |                              |  |                     |  |
|     |  |                                                                                          |                                                  |                                                                      |                                       |                                     |       |                                                                                   |  |                        |                                                                                                                      |  |     |      |                            |  |                              |  |                     |  |
|     |  |                                                                                          |                                                  |                                                                      |                                       |                                     |       |                                                                                   |  |                        |                                                                                                                      |  |     |      |                            |  |                              |  |                     |  |
|     |  |                                                                                          |                                                  |                                                                      |                                       |                                     |       |                                                                                   |  |                        |                                                                                                                      |  |     |      |                            |  |                              |  |                     |  |
|     |  |                                                                                          |                                                  |                                                                      |                                       |                                     |       |                                                                                   |  |                        |                                                                                                                      |  |     |      |                            |  |                              |  |                     |  |
|     |  |                                                                                          |                                                  |                                                                      |                                       |                                     |       |                                                                                   |  |                        |                                                                                                                      |  |     |      |                            |  |                              |  |                     |  |
|     |  |                                                                                          |                                                  |                                                                      |                                       |                                     |       |                                                                                   |  |                        |                                                                                                                      |  |     |      |                            |  |                              |  |                     |  |
|     |  |                                                                                          |                                                  |                                                                      |                                       |                                     |       |                                                                                   |  |                        |                                                                                                                      |  |     |      |                            |  |                              |  |                     |  |
|     |  |                                                                                          |                                                  |                                                                      |                                       |                                     |       |                                                                                   |  |                        |                                                                                                                      |  |     |      |                            |  |                              |  |                     |  |
|     |  |                                                                                          |                                                  |                                                                      |                                       |                                     |       |                                                                                   |  |                        |                                                                                                                      |  |     |      |                            |  |                              |  |                     |  |
|     |  |                                                                                          |                                                  |                                                                      |                                       |                                     |       |                                                                                   |  |                        |                                                                                                                      |  |     |      |                            |  |                              |  |                     |  |
|     |  |                                                                                          |                                                  |                                                                      |                                       |                                     |       |                                                                                   |  |                        |                                                                                                                      |  |     |      |                            |  |                              |  |                     |  |
|     |  |                                                                                          |                                                  |                                                                      |                                       |                                     |       |                                                                                   |  |                        |                                                                                                                      |  |     |      |                            |  |                              |  |                     |  |
|     |  |                                                                                          |                                                  |                                                                      |                                       |                                     |       |                                                                                   |  |                        |                                                                                                                      |  |     |      |                            |  |                              |  |                     |  |
|     |  |                                                                                          |                                                  |                                                                      |                                       |                                     |       |                                                                                   |  |                        |                                                                                                                      |  |     |      |                            |  |                              |  |                     |  |
|     |  |                                                                                          |                                                  |                                                                      |                                       |                                     |       |                                                                                   |  |                        |                                                                                                                      |  |     |      |                            |  |                              |  |                     |  |
|     |  |                                                                                          |                                                  |                                                                      |                                       |                                     |       |                                                                                   |  |                        |                                                                                                                      |  |     |      |                            |  |                              |  |                     |  |
|     |  |                                                                                          |                                                  |                                                                      |                                       |                                     |       |                                                                                   |  |                        |                                                                                                                      |  |     |      |                            |  |                              |  |                     |  |
|     |  |                                                                                          |                                                  |                                                                      |                                       |                                     |       |                                                                                   |  |                        |                                                                                                                      |  |     |      |                            |  |                              |  |                     |  |
|     |  |                                                                                          |                                                  |                                                                      |                                       |                                     |       |                                                                                   |  |                        |                                                                                                                      |  |     |      |                            |  |                              |  |                     |  |
|     |  |                                                                                          |                                                  |                                                                      |                                       |                                     |       |                                                                                   |  |                        |                                                                                                                      |  |     |      |                            |  |                              |  |                     |  |
|     |  |                                                                                          |                                                  |                                                                      |                                       |                                     |       |                                                                                   |  |                        |                                                                                                                      |  |     |      |                            |  |                              |  |                     |  |
|     |  |                                                                                          |                                                  |                                                                      |                                       |                                     |       |                                                                                   |  |                        |                                                                                                                      |  |     |      |                            |  |                              |  |                     |  |
|     |  |                                                                                          |                                                  |                                                                      |                                       |                                     |       |                                                                                   |  |                        |                                                                                                                      |  |     |      |                            |  |                              |  |                     |  |
|     |  |                                                                                          |                                                  |                                                                      |                                       |                                     |       |                                                                                   |  |                        |                                                                                                                      |  |     |      |                            |  |                              |  |                     |  |
|     |  |                                                                                          |                                                  |                                                                      |                                       |                                     |       |                                                                                   |  |                        |                                                                                                                      |  |     |      |                            |  |                              |  |                     |  |
|     |  |                                                                                          |                                                  |                                                                      |                                       |                                     |       |                                                                                   |  |                        |                                                                                                                      |  |     |      |                            |  |                              |  |                     |  |
|     |  |                                                                                          |                                                  |                                                                      |                                       |                                     |       |                                                                                   |  |                        |                                                                                                                      |  |     |      |                            |  |                              |  |                     |  |
|     |  |                                                                                          |                                                  |                                                                      |                                       |                                     |       |                                                                                   |  |                        |                                                                                                                      |  |     |      |                            |  |                              |  |                     |  |
|     |  |                                                                                          |                                                  |                                                                      |                                       |                                     |       |                                                                                   |  |                        |                                                                                                                      |  |     |      |                            |  |                              |  |                     |  |
|     |  |                                                                                          |                                                  |                                                                      |                                       |                                     |       |                                                                                   |  |                        |                                                                                                                      |  |     |      |                            |  |                              |  |                     |  |
|     |  |                                                                                          |                                                  |                                                                      |                                       |                                     |       |                                                                                   |  |                        |                                                                                                                      |  |     |      |                            |  |                              |  |                     |  |
|     |  |                                                                                          |                                                  |                                                                      |                                       |                                     |       |                                                                                   |  |                        |                                                                                                                      |  |     |      |                            |  |                              |  |                     |  |
|     |  |                                                                                          |                                                  |                                                                      |                                       |                                     |       |                                                                                   |  |                        |                                                                                                                      |  |     |      |                            |  |                              |  |                     |  |
|     |  |                                                                                          |                                                  |                                                                      |                                       |                                     |       |                                                                                   |  |                        |                                                                                                                      |  |     |      |                            |  |                              |  |                     |  |
|     |  |                                                                                          |                                                  |                                                                      |                                       |                                     |       |                                                                                   |  |                        |                                                                                                                      |  |     |      |                            |  |                              |  |                     |  |
|     |  |                                                                                          |                                                  |                                                                      |                                       |                                     |       |                                                                                   |  |                        |                                                                                                                      |  |     |      |                            |  |                              |  |                     |  |
|     |  |                                                                                          |                                                  |                                                                      |                                       |                                     |       |                                                                                   |  |                        |                                                                                                                      |  |     |      |                            |  |                              |  |                     |  |
|     |  |                                                                                          |                                                  |                                                                      |                                       |                                     |       |                                                                                   |  |                        |                                                                                                                      |  |     |      |                            |  |                              |  |                     |  |
|     |  |                                                                                          |                                                  |                                                                      |                                       |                                     |       |                                                                                   |  |                        |                                                                                                                      |  |     |      |                            |  |                              |  |                     |  |
|     |  |                                                                                          |                                                  |                                                                      |                                       |                                     |       |                                                                                   |  |                        |                                                                                                                      |  |     |      |                            |  |                              |  |                     |  |
|     |  |                                                                                          |                                                  |                                                                      |                                       |                                     |       |                                                                                   |  |                        |                                                                                                                      |  |     |      |                            |  |                              |  |                     |  |
|     |  |                                                                                          |                                                  |                                                                      |                                       |                                     |       |                                                                                   |  |                        |                                                                                                                      |  |     |      |                            |  |                              |  |                     |  |
|     |  |                                                                                          |                                                  |                                                                      |                                       |                                     |       |                                                                                   |  |                        |                                                                                                                      |  |     |      |                            |  |                              |  |                     |  |
|     |  |                                                                                          |                                                  |                                                                      |                                       |                                     |       |                                                                                   |  |                        |                                                                                                                      |  |     |      |                            |  |                              |  |                     |  |
|     |  |                                                                                          |                                                  |                                                                      |                                       |                                     |       |                                                                                   |  |                        |                                                                                                                      |  |     |      |                            |  |                              |  |                     |  |
|     |  |                                                                                          |                                                  |                                                                      |                                       |                                     |       |                                                                                   |  |                        |                                                                                                                      |  |     |      |                            |  |                              |  |                     |  |
|     |  |                                                                                          |                                                  |                                                                      |                                       |                                     |       |                                                                                   |  |                        |                                                                                                                      |  |     |      |                            |  |                              |  |                     |  |
|     |  |                                                                                          |                                                  |                                                                      |                                       |                                     |       |                                                                                   |  |                        |                                                                                                                      |  |     |      |                            |  |                              |  |                     |  |
|     |  |                                                                                          |                                                  |                                                                      |                                       |                                     |       |                                                                                   |  |                        |                                                                                                                      |  |     |      |                            |  |                              |  |                     |  |
|     |  |                                                                                          |                                                  |                                                                      |                                       |                                     |       |                                                                                   |  |                        |                                                                                                                      |  |     |      |                            |  |                              |  |                     |  |
|     |  |                                                                                          |                                                  |                                                                      |                                       |                                     |       |                                                                                   |  |                        |                                                                                                                      |  |     |      |                            |  |                              |  |                     |  |
|     |  |                                                                                          |                                                  |                                                                      |                                       |                                     |       |                                                                                   |  |                        |                                                                                                                      |  |     |      |                            |  |                              |  |                     |  |
|     |  |                                                                                          |                                                  |                                                                      |                                       |                                     |       |                                                                                   |  |                        |                                                                                                                      |  |     |      |                            |  |                              |  |                     |  |
|     |  |                                                                                          |                                                  |                                                                      |                                       |                                     |       |                                                                                   |  |                        |                                                                                                                      |  |     |      |                            |  |                              |  |                     |  |
|     |  |                                                                                          |                                                  |                                                                      |                                       |                                     |       |                                                                                   |  |                        |                                                                                                                      |  |     |      |                            |  |                              |  |                     |  |
|     |  |                                                                                          |                                                  |                                                                      |                                       |                                     |       |                                                                                   |  |                        |                                                                                                                      |  |     |      |                            |  |                              |  |                     |  |
|     |  |                                                                                          |                                                  |                                                                      |                                       |                                     |       |                                                                                   |  |                        |                                                                                                                      |  |     |      |                            |  |                              |  |                     |  |
|     |  |                                                                                          |                                                  |                                                                      |                                       |                                     |       |                                                                                   |  |                        |                                                                                                                      |  |     |      |                            |  |                              |  |                     |  |
|     |  |                                                                                          |                                                  |                                                                      |                                       |                                     |       |                                                                                   |  |                        |                                                                                                                      |  |     |      |                            |  |                              |  |                     |  |
|     |  |                                                                                          |                                                  |                                                                      |                                       |                                     |       |                                                                                   |  |                        |                                                                                                                      |  |     |      |                            |  |                              |  |                     |  |
|     |  |                                                                                          |                                                  |                                                                      |                                       |                                     |       |                                                                                   |  |                        |                                                                                                                      |  |     |      |                            |  |                              |  |                     |  |
|     |  |                                                                                          |                                                  |                                                                      |                                       |                                     |       |                                                                                   |  |                        |                                                                                                                      |  |     |      |                            |  |                              |  |                     |  |
|     |  |                                                                                          |                                                  |                                                                      |                                       |                                     |       |                                                                                   |  |                        |                                                                                                                      |  |     |      |                            |  |                              |  |                     |  |
|     |  |                                                                                          |                                                  |                                                                      |                                       |                                     |       |                                                                                   |  |                        |                                                                                                                      |  |     |      |                            |  |                              |  |                     |  |
|     |  |                                                                                          |                                                  |                                                                      |                                       |                                     |       |                                                                                   |  |                        |                                                                                                                      |  |     |      |                            |  |                              |  |                     |  |
|     |  |                                                                                          |                                                  |                                                                      |                                       |                                     |       |                                                                                   |  |                        |                                                                                                                      |  |     |      |                            |  |                              |  |                     |  |
|     |  |                                                                                          |                                                  |                                                                      |                                       |                                     |       |                                                                                   |  |                        |                                                                                                                      |  |     |      |                            |  |                              |  |                     |  |

PART NO.  
DWG. NO.

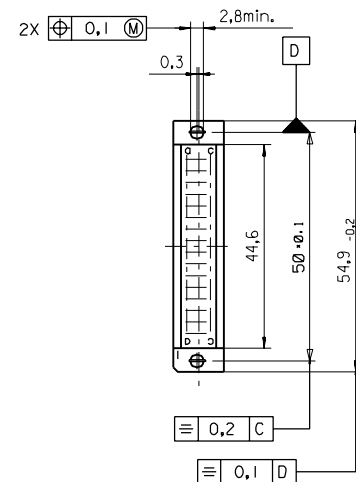
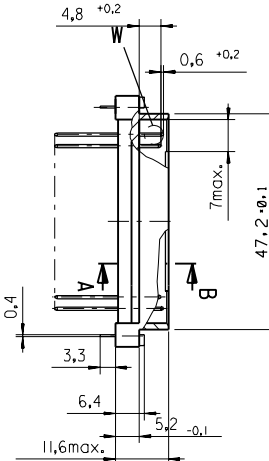
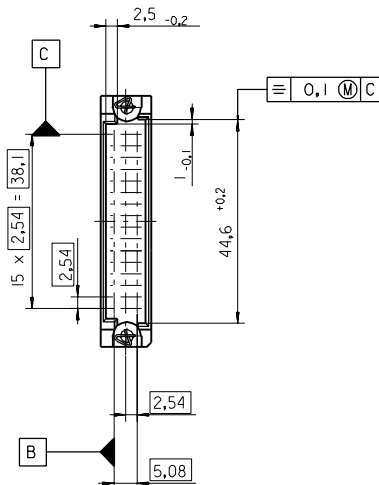
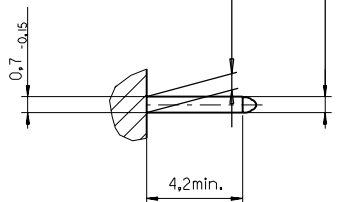
Section A - B  
5:1



View X  
5:1



View W  
5:1



|                                                                                      |                                                                 |                                                                        |                                                                                       |      |                                                                                                    |                |                                                                                                                        |                  |  |
|--------------------------------------------------------------------------------------|-----------------------------------------------------------------|------------------------------------------------------------------------|---------------------------------------------------------------------------------------|------|----------------------------------------------------------------------------------------------------|----------------|------------------------------------------------------------------------------------------------------------------------|------------------|--|
| FIRST ANGLE PROJECTION                                                               |                                                                 |                                                                        |  |      | REVISE ONLY ON CAD SYSTEM                                                                          |                |                                                                                                                        | SH. REV.         |  |
| REVISIONS<br>FOR PREVIOUS REVISIONS SEE MRI LIST                                     | UNLESS OTHERWISE SPECIFIED<br>TOLERANCES: ANGULAR $\pm 2^\circ$ |                                                                        | DRWG<br>BY                                                                            | SIGN | CAD/CAM PROJECT NAME<br>85013000<br>s21                                                            |                | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO<br>MOLEX INC. & SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                  |  |
|                                                                                      | INCH METRIC                                                     |                                                                        | Ca                                                                                    |      | TITLE                                                                                              |                |                                                                                                                        |                  |  |
|                                                                                      | 3 PLACE $\pm$ . $\pm$                                           |                                                                        | CHK'D<br>BY                                                                           | SIGN | 48 pos. Male connector<br>acc. DIN 41612 style R/2<br>Dimensions                                   |                |                                                                                                                        |                  |  |
|                                                                                      | 2 PLACE $\pm$ . $\pm$                                           |                                                                        | KN                                                                                    |      |                                                                                                    |                |                                                                                                                        |                  |  |
|                                                                                      | 1 PLACE $\pm$ . $\pm$                                           |                                                                        | APP'D<br>BY                                                                           | SIGN |                                                                                                    |                |                                                                                                                        |                  |  |
| DRAFT WHERE APPLICABLE MUST<br>REMAIN WITHIN DIMENSIONS                              |                                                                 |                                                                        |                                                                                       |      |                                                                                                    |                |                                                                                                                        |                  |  |
| DESIGN DIMENSION                                                                     |                                                                 | <input checked="" type="checkbox"/> MM<br><input type="checkbox"/> IN. | SCALE                                                                                 |      |  MOLEX EUROPE |                | SHEET NO.<br>1 OF                                                                                                      | DATE<br>95/06/08 |  |
| EQUIVALENT DIMENSION                                                                 |                                                                 | <input type="checkbox"/> MM<br><input type="checkbox"/> IN.            |                                                                                       |      | PART NO.                                                                                           |                | DWG NO.                                                                                                                | SIZE             |  |
| IF TWO DIMENSIONS ARE SHOWN THE UPPER IS<br>THE DESIGN DIMENSION, LOWER IS SECONDARY |                                                                 |                                                                        |                                                                                       |      |                                                                                                    | SDA-85013-0002 |                                                                                                                        | B                |  |

|   |          |          |          |
|---|----------|----------|----------|
| A | $\nabla$ | $\nabla$ | $\nabla$ |
| B | $\nabla$ | $\nabla$ | $\nabla$ |
| C | $\nabla$ | $\nabla$ | $\nabla$ |

|  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 1 | 2 | 3 | 4 | 5 | 6 |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

A = 32 STANDARD CONTACTS L = 4.5

|                   |                                                       |
|-------------------|-------------------------------------------------------|
| Marking           | Standard                                              |
| Performance level | G2/0 = Contact area perform. level2 / Termination tin |
| Flux proof        | no                                                    |
| Fixing clip       | no                                                    |
| Dimensions        | SDA-85013-0002 sht.1                                  |
| Technical Data    | PS-85013-0001                                         |

|                |           |         |         |                         |   |
|----------------|-----------|---------|---------|-------------------------|---|
|                |           |         |         |                         |   |
| A              | G2/O      | a l- I6 | c l- I6 |                         |   |
| Contact symbol | Per form. |         |         | Contact position number | B |

|                                                                                      |           |                                     |                              |                                                       |                              |             |      |                                                                                         |                                                                                                                        |         |      |
|--------------------------------------------------------------------------------------|-----------|-------------------------------------|------------------------------|-------------------------------------------------------|------------------------------|-------------|------|-----------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|---------|------|
| first release<br>see ECN No. 1868                                                    | REVISIONS | FOR PREVIOUS REVISIONS SEE MRJ LIST |                              | UNLESS OTHERWISE SPECIFIED<br>TOLERANCES: ANGULAR ±2° |                              | DRWG<br>BY  | SIGN | CAD/CAM PROJECT NAME<br>s8501300<br>s51                                                 | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO<br>MOLEX INC. & SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | SH.     | REV. |
|                                                                                      |           | INCH                                |                              | METRIC                                                |                              | Ca          | SIGN |                                                                                         |                                                                                                                        |         |      |
|                                                                                      |           | 3 PLACE ± .                         | ±                            | 3 PLACE ± .                                           | ±                            |             |      |                                                                                         |                                                                                                                        |         |      |
|                                                                                      |           | 2 PLACE ± .                         | ±                            | 2 PLACE ± .                                           | ±                            |             |      |                                                                                         |                                                                                                                        |         |      |
|                                                                                      |           | 1 PLACE ± .                         | ±                            | 1 PLACE ± .                                           | ±                            |             |      |                                                                                         |                                                                                                                        |         |      |
| DRAFT WHERE APPLICABLE MUST<br>REMAIN WITHIN DIMENSIONS                              |           | DESIGN DIMENSION                    |                              | <input type="checkbox"/> MM                           | <input type="checkbox"/> IN. | APP'D<br>BY | SIGN | TITLE<br><br>48 pos. Male connector<br>acc. DIN 41612 style R/2<br>contacts arrangement |                                                                                                                        |         |      |
| EQUIVALENT DIMENSION                                                                 |           | <input type="checkbox"/> MM         | <input type="checkbox"/> IN. | SCALE                                                 |                              | SIGN        |      |                                                                                         |                                                                                                                        |         |      |
| IF TWO DIMENSIONS ARE SHOWN THE UPPER IS<br>THE DESIGN DIMENSION, LOWER IS SECONDARY |           | EQUIVALENT DIMENSION                |                              | <input type="checkbox"/> MM                           | <input type="checkbox"/> IN. | SCALE       |      | PART NO.                                                                                |                                                                                                                        | DWG NO. | SIZE |
| A                                                                                    |           |                                     |                              |                                                       |                              |             |      | 85013-0050                                                                              | SDA-85013-0050                                                                                                         | A       |      |

Компания «Life Electronics» занимается поставками электронных компонентов импортного и отечественного производства от производителей и со складов крупных дистрибьюторов Европы, Америки и Азии.

С конца 2013 года компания активно расширяет линейку поставок компонентов по направлению коаксиальный кабель, кварцевые генераторы и конденсаторы (керамические, пленочные, электролитические), за счёт заключения дистрибьюторских договоров

Мы предлагаем:

- Конкурентоспособные цены и скидки постоянным клиентам.
- Специальные условия для постоянных клиентов.
- Подбор аналогов.
- Поставку компонентов в любых объемах, удовлетворяющих вашим потребностям.
- Приемлемые сроки поставки, возможна ускоренная поставка.
- Доставку товара в любую точку России и стран СНГ.
- Комплексную поставку.
- Работу по проектам и поставку образцов.
- Формирование склада под заказчика.
- Сертификаты соответствия на поставляемую продукцию (по желанию клиента).
- Тестирование поставляемой продукции.
- Поставку компонентов, требующих военную и космическую приемку.
- Входной контроль качества.
- Наличие сертификата ISO.

В составе нашей компании организован Конструкторский отдел, призванный помогать разработчикам, и инженерам.

Конструкторский отдел помогает осуществить:

- Регистрацию проекта у производителя компонентов.
- Техническую поддержку проекта.
- Защиту от снятия компонента с производства.
- Оценку стоимости проекта по компонентам.
- Изготовление тестовой платы монтаж и пусконаладочные работы.



Тел: +7 (812) 336 43 04 (многоканальный)

Email: [org@lifeelectronics.ru](mailto:org@lifeelectronics.ru)

[www.lifeelectronics.ru](http://www.lifeelectronics.ru)