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Part Number: [0850132828](#)
Status: **Active**
Overview: [din_41612](#)
Description: 2.54mm (.100") Pitch DIN 41612 Header, Vertical, 3-Row C-Pin, Press-Fit Style R Male, 0.6µm (24µ") Selective Gold (Au), 96 Circuits, Lead free

Documents:
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-85013-0002 \(PDF\)](#)

Agency Certification

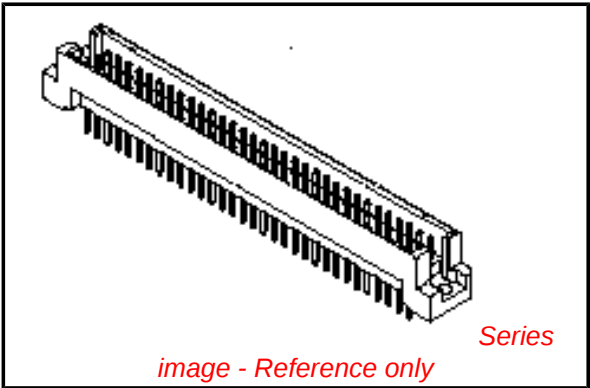
CSA LR19980
UL E29179

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

Physical

Circuits (Loaded) 96
Circuits (maximum) 96
Circuits Detail Rows A, B, & C
Color - Resin Gray
Durability (mating cycles max) 400
First Mate / Last Break No
Flammability 94V-0
Guide to Mating Part No
Keying to Mating Part Yes
Material - Metal Phosphor Bronze
Material - Plating Mating Gold
Material - Plating Termination Tin
Material - Resin Polyester
Number of Columns 32
Number of Pairs Open Pin Field
Number of Rows 3
Orientation Vertical
PC Tail Length (in) 0.228 In
PC Tail Length (mm) 5.80 mm
PCB Locator No
PCB Retention Yes
PCB Thickness Recommended (in) 0.063 In, 0.157 In
PCB Thickness Recommended (mm) 1.60 mm, 4.00 mm
Packaging Type Tray
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
Plating min: Termination (µin) 16
Plating min: Termination (µm) 0.4



EU RoHS

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

China RoHS



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

Email 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

Polarized to PCB	No
Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-55°C to +125°C
Termination Interface: Style	Through Hole - Compliant Pin

Electrical

Current - Maximum per Contact	1A
Data Rate	622.0 Mbps
Real Signals (per 25mm)	30
Shielded	No
Voltage - Maximum	1000V (RMS)

Material Info

Reference - Drawing Numbers

Packaging Specification	PK-85013-001
Product Specification	PS-85013-0002
Sales Drawing	601-6043-202

This document was generated on 05/17/2010

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10987654321

F

E

D

C

B

A

10987654321

ib_frame_A3_P_ME_T
Rev. E 2006/04/15

96P-6043-072U-7-BE113	85013-2995	yes	2/flash	Wire wrap	13,3	1,2,3...32	a+b+c	a/b/c2	ACTIVE
96P-6043-072U-6-B	85013-2971	yes	2/flash	Wire wrap	16,4	1,2,3...32	a+b+c	-----	ACTIVE
96P-6043-072U-7-BE61	85013-2969	yes	2/flash	Wire wrap	13,3	1,2,3...32	a+b+c	a/c1+32, b1+3+30+32	ACTIVE
96P-6043-072U-7-B	85013-2957	yes	2/flash	Wire wrap	13,3	1,2,3...32	a+b+c	-----	ACTIVE
96P-6043-072V-9-BE113	85013-2828	no	2	-----	2	1,2,3...32	a+b+c	a/b/c2	ACTIVE
96P-6043-072M-8-B	85013-2610	yes	2/2	Wire wrap	9,4	1,2,3...32	a+b+c	-----	VOID
96P-6043-0732-7-BE113	85013-1926	no	2/flash	Wire wrap	13,3	1,2,3...32	a+b+c	a/b/c2	ACTIVE
96P-6043-072V-9-B	85013-1457	yes	2	-----	2	1,2,3...32	a+b+c	-----	ACTIVE
96P-6043-0732-7-BE61	85013-0866	no	2/flash	Wire wrap	13,3	1,2,3...32	a+b+c	a/c1+32, b1+3+30+32	ACTIVE
96P-6043-0732-7-B	85013-0842	no	2/flash	Wire wrap	13,3	1,2,3...32	a+b+c	-----	ACTIVE
96P-6043-0732-6-B	85013-0830	no	2/flash	Wire wrap	16,4	1,2,3...32	a+b+c	-----	ACTIVE
96P-6043-072V-8-B	85013-0775	yes	2	Wire wrap	9,4	1,2,3...32	a+b+c	-----	ACTIVE
Engineering number	Ordering code	Molex std.	Perf.level hard gold acc. MIL-G45204	Termi- nation	Contact sequence/row	Position of pre- mating contacts	PART STATUS		

RoHS COMPLIANT

ENTER DESCRIPTION
EC NO: 12007-0159
DRWNSURENGG 2006/09/29
CHKD:SSUDHIR 2006/09/29
APPR:SSUDHIR 2006/09/29

QUALITY
SYMBOLS
=0
=0

DESCRIPTION
REV

GENERAL TOLERANCES
(UNLESS SPECIFIED)

mm

INCH

4 PLACES ± --- ± ---
3 PLACES ± --- ± ---
2 PLACES ± --- ± ---
1 PLACE ± --- ± ---
ANGULAR ± ---°

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

DIMENSION STYLE
MM ONLY

DRAWN BY DATE
CHECKED BY DATE
APPROVED BY DATE

MATERIAL NO.
SIZE A3

SCALE

DESIGN UNITS
METRIC

THIRD ANGLE
PROJECTION

TITLE
96 POS.MALE CONNECTOR
ACC. TO DIN41612 C-PIN
STYLE R

molex

MOLEX INCORPORATED

DOCUMENT NO.
601-6043-202

SHEET NO.
2 OF 3

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

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E											E																																																						
D											D																																																						
C											C																																																						
B											B																																																						
A											A																																																						
<table><tr><td rowspan="10">ENTER DESCRIPTION EC NO: I2007-0159 DRWN:SUREGG 2006/09/29 CHKD:SSUDHIR 2006/09/29 APPR:SSUDHIR 2006/09/29 A2</td><td rowspan="10">QUALITY SYMBOLS =0 =0</td><td colspan="2">GENERAL TOLERANCES (UNLESS SPECIFIED)</td><td colspan="2">DIMENSION STYLE MM ONLY</td><td>SCALE ---</td><td>DESIGN UNITS METRIC</td><td rowspan="10"> THIRD ANGLE PROJECTION</td></tr><tr><td></td><td>mm</td><td>INCH</td><td>DRAWN BY</td><td>DATE</td><td>TITLE</td></tr><tr><td>4 PLACES</td><td>± ---</td><td>± ---</td><td>CA</td><td rowspan="3">96 POS.MALE CONNECTOR ACC_DIN41612 R(C-PIN) DATA</td></tr><tr><td>3 PLACES</td><td>± ---</td><td>± ---</td><td>CHECKED BY</td><td>DATE</td></tr><tr><td>2 PLACES</td><td>± ---</td><td>± ---</td><td>KN</td></tr><tr><td>1 PLACE</td><td>± ---</td><td>± ---</td><td>APPROVED BY</td><td>DATE</td><td rowspan="3">molex MOLEX INCORPORATED</td></tr><tr><td colspan="3">ANGULAR ± ---°</td><td>MATERIAL NO.</td><td>DOCUMENT NO.</td><td>SHEET NO.</td></tr><tr><td colspan="3">DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS</td><td>SEE CHART</td><td>601-6043-202</td><td>3 OF 3</td></tr><tr><td colspan="3"></td><td colspan="4">THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION</td></tr></table>												ENTER DESCRIPTION EC NO: I2007-0159 DRWN:SUREGG 2006/09/29 CHKD:SSUDHIR 2006/09/29 APPR:SSUDHIR 2006/09/29 A2	QUALITY SYMBOLS =0 =0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		mm	INCH	DRAWN BY	DATE	TITLE	4 PLACES	± ---	± ---	CA	96 POS.MALE CONNECTOR ACC_DIN41612 R(C-PIN) DATA	3 PLACES	± ---	± ---	CHECKED BY	DATE	2 PLACES	± ---	± ---	KN	1 PLACE	± ---	± ---	APPROVED BY	DATE	molex MOLEX INCORPORATED	ANGULAR ± ---°			MATERIAL NO.	DOCUMENT NO.	SHEET NO.	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SEE CHART	601-6043-202	3 OF 3				THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			
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- Техническую поддержку проекта.
- Защиту от снятия компонента с производства.
- Оценку стоимости проекта по компонентам.
- Изготовление тестовой платы монтаж и пусконаладочные работы.



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