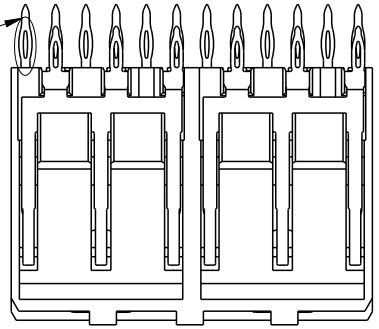
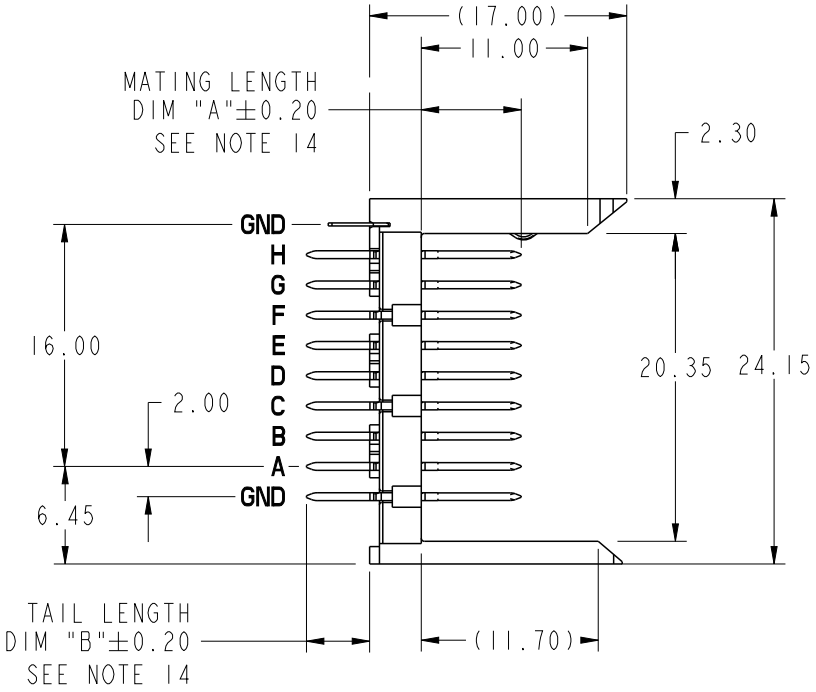
PRODUCT NUMBER	PLATING PERFORMANCE LEVEL	FOR REAR PLUG-UP APPLICATIONS USE SHROUD
10114820-1YYY	TELCORDIA CO	74993-102
10114820-1YYYLF	TELCORDIA CO	74993-102LF

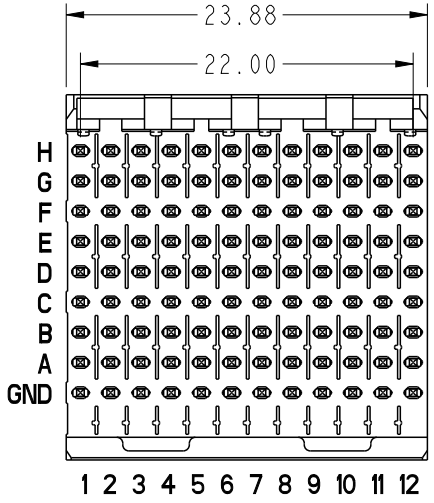
EYE OF NEEDLE
PRESS FIT SECTION

DETAIL A
SCALE 4:1
SEE NOTE 16

SEE DETAIL A







spec ref	-			dr	P-Mathew Nebu	2012/05/11	projection
tolerance std ISO 406 ISO 1101	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Stalin Alosius	2018/03/14	MM
				chr	-	-	size A4 / scale 2:1
				appr	K-Paul Biju	2018/03/14	ecn no ELX-I-29544-1
surface - ISO 1302	linear	0.X	±0.3				product family METRAL 1000 / rel level Released
		0.XX	±0.13				
		0.XXX	±0.051				
	angular	0°	±2°				

Amphenol FCi

title: VERTICAL SIGNAL HDR 8 ROW P.F. 96 POS. SELECT LOAD EXT.

dwg no: 10114820 rev B

cat. no. - Product - Customer Drw sheet 1 of 7

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Creo File - REV E - 2016-02-12

PIN NO.	DIM A MATING LENGTH	DIM B TAIL LENGTH	PCB THICKNESS RANGE ACCOMMODATED BY PIN'S TAIL LENGTH				
			WHEN MATING TO A 74981 SERIES RECEPTACLE		WHEN MATING TO A 52066 SERIES METRAL 4000 RECEPTACLE		
			ROWS A,B, C,D,E,F,G & H	GROUND ROW	ROWS:A,B, D,E,G & H	ROW C & F	GROUND ROW
01*	5.00	4.30	1.60 MIN	1.60 MIN	1.60 MIN	1.60 MIN	1.60 MIN
22		12.20	2.95 - 3.80	2.95 - 4.20	2.95 - 3.80	2.95 - 3.80	2.95 - 4.20
30		12.95	2.95 - 4.55	3.25 - 4.95	2.95 - 4.55	2.95 - 4.55	3.25 - 4.95
05		13.70	2.95 - 5.30	4.00 - 5.70	3.30 - 5.30	2.95 - 5.30	4.00 - 5.70
35		14.45	3.05 - 6.05	4.75 - 6.45	4.05 - 6.05	3.05 - 6.05	4.75 - 6.45
48		15.20	3.80 - 6.80	5.50 - 7.20	4.80 - 6.80	3.80 - 6.80	5.50 - 7.20
40		15.70	4.30 - 7.30	6.00 - 7.70	5.30 - 7.30	4.30 - 7.30	6.00 - 7.70
65		16.40	5.00 - 8.00	6.70 - 8.40	6.00 - 8.00	5.00 - 8.00	6.70 - 8.40
09		17.10	5.70 - 8.70	7.40 - 9.10	6.70 - 8.70	5.70 - 8.70	7.40 - 9.10
02*	5.75	4.30	1.60 MIN	1.60 MIN	1.60 MIN	1.60 MIN	1.60 MIN
44		12.20	2.95 - 3.80	2.95 - 4.20	2.95 - 3.80	2.95 - 3.80	2.95 - 4.20
31		12.95	2.95 - 4.55	3.25 - 4.95	2.95 - 4.55	2.95 - 4.55	3.25 - 4.95
06		13.70	2.95 - 5.30	4.00 - 5.70	3.30 - 5.30	2.95 - 5.30	4.00 - 5.70
36		14.45	3.05 - 6.05	4.75 - 6.45	4.05 - 6.05	3.05 - 6.05	4.75 - 6.45
49		15.20	3.80 - 6.80	5.50 - 7.20	4.80 - 6.80	3.80 - 6.80	5.50 - 7.20
25		15.70	4.30 - 7.30	6.00 - 7.70	5.30 - 7.30	4.30 - 7.30	6.00 - 7.70
66		16.40	5.00 - 8.00	6.70 - 8.40	6.00 - 8.00	5.00 - 8.00	6.70 - 8.40
10		17.10	5.70 - 8.70	7.40 - 9.10	6.70 - 8.70	5.70 - 8.70	7.40 - 9.10
03*	6.50	4.30	1.60 MIN	1.60 MIN	1.60 MIN	1.60 MIN	1.60 MIN
45		12.20	2.95 - 3.80	2.95 - 4.20	2.95 - 3.80	2.95 - 3.80	2.95 - 4.20
32		12.95	2.95 - 4.55	3.25 - 4.95	2.95 - 4.55	2.95 - 4.55	3.25 - 4.95
07		13.70	2.95 - 5.30	4.00 - 5.70	3.30 - 5.30	2.95 - 5.30	4.00 - 5.70
37		14.45	3.05 - 6.05	4.75 - 6.45	4.05 - 6.05	3.05 - 6.05	4.75 - 6.45
50		15.20	3.80 - 6.80	5.50 - 7.20	4.80 - 6.80	3.80 - 6.80	5.50 - 7.20
41		15.70	4.30 - 7.30	6.00 - 7.70	5.30 - 7.30	4.30 - 7.30	6.00 - 7.70
24		16.40	5.00 - 8.00	6.70 - 8.40	6.00 - 8.00	5.00 - 8.00	6.70 - 8.40
11		17.10	5.70 - 8.70	7.40 - 9.10	6.70 - 8.70	5.70 - 8.70	7.40 - 9.10

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Amphenol FCi

spec ref -

tolerance std ISO 406 ISO 1101

TOLERANCES UNLESS OTHERWISE SPECIFIED

surface - ISO 1302

linear	0.X	±0.3
	0.XX	±0.13
	0.XXX	±0.051
angular	0°	±2°

dr	P-Mathew Nebu	2012/05/11
eng	Stalin Alosius	2018/03/14
chr	-	-
appr	K-Paul Biju	2018/03/14

projection

MM

product family METRAL 1000

size A4 | scale 2:1

ecn no ELX-I-29544-1

rel level **Released**

Amphenol FCi

title VERTICAL SIGNAL HDR 8 ROW P.F. 96 POS. SELECT LOAD EXT.

dwg no 10114820

rev **B**

cat. no. - Product - Customer Drw

sheet 2 of 7

Creo File - REV E - 2016-02-12

PDS: Rev :B STATUS:Released Printed: Mar 14, 2018

PIN NO.	DIM A MATING LENGTH	DIM B TAIL LENGTH	PCB THICKNESS RANGE ACCOMMODATED BY PIN LENGTH				
			WHEN MATING TO A 74981 SERIES RECEPTACLE		WHEN MATING TO A 52066 SERIES METRAL 4000 RECEPTACLE		
			ROWS A,B,C, D,E,F,G & H	GROUND ROW	ROWS:A,B, D,E,G & H	ROW C & F	GROUND ROW
04*	7.25	4.30	1.60 MIN	1.60 MIN	1.60 MIN	1.60 MIN	1.60 MIN
46		12.20	2.95 - 3.80	2.95 - 4.20	2.95 - 3.80	2.95 - 3.80	2.95 - 4.20
33		12.95	2.95 - 4.55	3.25 - 4.95	2.95 - 4.55	2.95 - 4.55	3.25 - 4.95
08		13.70	2.95 - 5.30	4.00 - 5.70	3.30 - 5.30	2.95 - 5.30	4.00 - 5.70
38		14.45	3.05 - 6.05	4.75 - 6.45	4.05 - 6.05	3.05 - 6.05	4.75 - 6.45
51		15.20	3.80 - 6.80	5.50 - 7.20	4.80 - 6.80	3.80 - 6.80	5.50 - 7.20
42		15.70	4.30 - 7.30	6.00 - 7.70	5.30 - 7.30	4.30 - 7.30	6.00 - 7.70
67		16.40	5.00 - 8.00	6.70 - 8.40	6.00 - 8.00	5.00 - 8.00	6.70 - 8.40
12		17.10	5.70 - 8.70	7.40 - 9.10	6.70 - 8.70	5.70 - 8.70	7.40 - 9.10
19*	8.00	4.30	1.60 MIN	1.60 MIN	1.60 MIN	1.60 MIN	1.60 MIN
47		12.20	2.95 - 3.80	2.95 - 4.20	2.95 - 3.80	2.95 - 3.80	2.95 - 4.20
34		12.95	2.95 - 4.55	3.25 - 4.95	2.95 - 4.55	2.95 - 4.55	3.25 - 4.95
20		13.70	2.95 - 5.30	4.00 - 5.70	3.30 - 5.30	2.95 - 5.30	4.00 - 5.70
39		14.45	3.05 - 6.05	4.75 - 6.45	4.05 - 6.05	3.05 - 6.05	4.75 - 6.45
52		15.20	3.80 - 6.80	5.50 - 7.20	4.80 - 6.80	3.80 - 6.80	5.50 - 7.20
43		15.70	4.30 - 7.30	6.00 - 7.70	5.30 - 7.30	4.30 - 7.30	6.00 - 7.70
68		16.40	5.00 - 8.00	6.70 - 8.40	6.00 - 8.00	5.00 - 8.00	6.70 - 8.40
21		17.10	5.70 - 8.70	7.40 - 9.10	6.70 - 8.70	5.70 - 8.70	7.40 - 9.10

* STUB PINS - NO REAR PLUG-UP

** THE GREATEST RANGE OCCURS WHEN THE B DIMENSION OF PIN 'GND' IS ONE SIZE SHORTER THEN THE OTHER PINS.

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spec ref	-	dr	P-Mathew Nebu	2012/05/11	projection
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	Stalin Alosius	2018/03/14	MM
ISO 406 ISO 1101		chr	-	-	size A4 / scale 2:1
		appr	K-Paul Biju	2018/03/14	ecn no ELX-I-29544-1
					product family METRAL 1000
					rel level Released

surface			
ISO 1302	linear	0.X	±0.3
		0.XX	±0.13
		0.XXX	±0.051
	angular	0°	±2°

Amphenol FCi

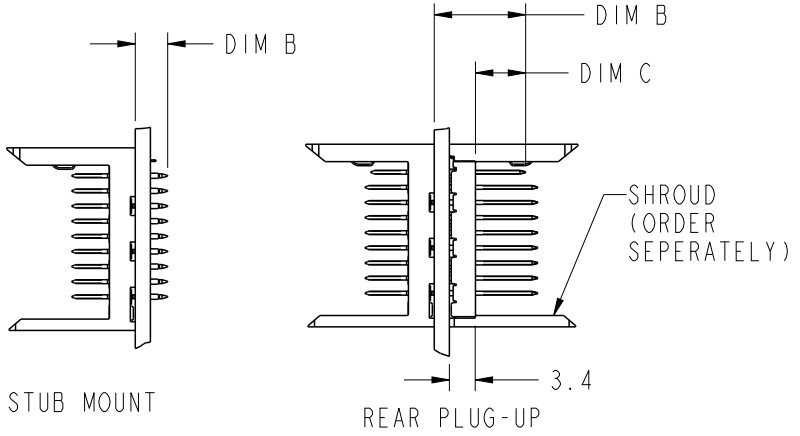
title: VERTICAL SIGNAL HDR 8 ROW P.F. 96 POS. SELECT LOAD EXT.

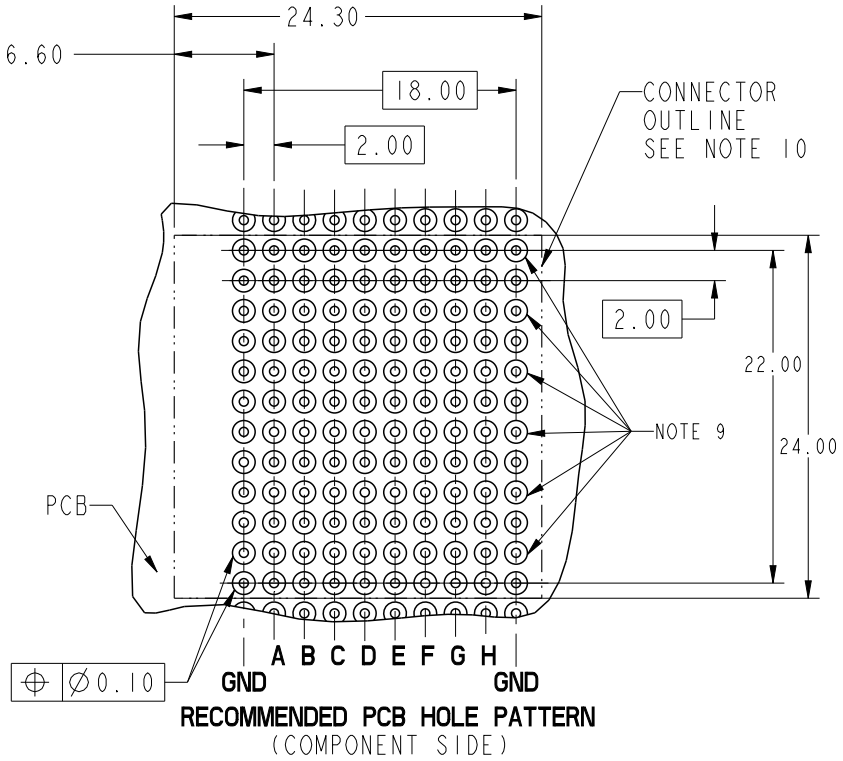
dwg no 10114820 | rev B

cat. no. - | Product - Customer Drw | sheet 3 of 7

Creo File - REV E - 2016-02-12

PRODUCT NUMBER
SEE SHEET 1





PRESS-FIT HOLES *	OPTION 1
HOLE DIAMETER AFTER PLATING	∅0.65-0.80
DRILLED HOLE	∅0.81-0.86 (∅0.85 DRILL)
COPPER PLATING	0.025 MIN
SnPb PLATING	0.005-0.015

* SEE PRINT 58351 FOR ADDITIONAL PCB INFO.

spec ref	-			dr	P-Mathew Nebu	2012/05/11	projection
tolerance std ISO 406 ISO 1101	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Stalin Alosius	2018/03/14	MM
				chr	-	-	size A4 / scale 1:1
				appr	K-Paul Biju	2018/03/14	ecn no ELX-I-29544-1
surface ISO 1302	linear	0.X	±0.3	Amphenol FCi	title: VERTICAL SIGNAL HDR 8 ROW P.F. 96 POS. SELECT LOAD EXT.		product family / rel level Released
		0.XX	±0.13				dwg no 10114820 / rev B
		0.XXX	±0.051				
	angular	0°	±2°		cat. no.	Product - Customer Drw	sheet 4 of 7

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Creo File - REV E - 2016-02-12

PRODUCT NUMBER
SEE SHEET 1

NOTES:

1. SEE APPLICATION SPECIFICATION GS-20-010 FOR INFORMATION ON AVAILABLE TOOLING, CIRCUIT BOARD DESIGN CONSIDERATIONS, REPAIR PROCEDURES AND PRODUCT OFFERINGS.

2. SEE FCI PUBLICATION 95051I-028 FOR "ELECTRICAL PERFORMANCE DATA FOR DIFFERENTIAL APPLICATIONS."

3. SEE FCI PUBLICATION 95051I-028 FOR "ELECTRICAL PERFORMANCE DATA FOR SINGLE-ENDED APPLICATION."

4. UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS AND TOLERANCES TOLERANCES ARE IN ACCORDANCE WITH ASME Y14.5M, 1994

5. HOUSING MATERIAL: LIQUID CRYSTAL POLYMER, 30% GLASS FILLED, FLAME RETARDANT PER UL 94-V0.
   PIN MATERIAL: PHOSPHER BRONZE
   GROUND SPRING MATERIAL: PHOSPHER BRONZE

6. PLATING INFORMATION: PLATING ON CONTACT AREA MEETS THE PERFORMANCE LEVELS SHOWN IN TABLE ON SHEET 1. PLATING ON "LF" TAILS IS Sn. PLATING ON ALL OTHER TAILS IS SnPb.

7. DIMENSIONAL RESTRICTIONS OF PINS IN HEADERS.
   FOR MATING WITH METRAL 1000 RECEPTACLES
   DIM A : 5.00mm MIN, 8.00mm MAX FOR ROWS A-H
   DIM A : 5.00mm MIN, 5.75mm MAX FOR ROW GND NEXT TO ROW A
   DIM C : 5.00mm MIN, 8.00mm MAX FOR ROWS A-H
   DIM C : 4.60mm MIN, 6.30mm MAX FOR ROW GND NEXT TO ROW A
   FOR MATING WITH METRAL 4000 RECEPTACLES
   DIM A : 5.00mm MIN, 6.50mm MAX FOR ROWS A, B, D, E, G & H
   DIM A : 5.00mm MIN, 8.00mm MAX FOR ROW C & F
   DIM A : 5.00mm MIN, 5.75mm MAX FOR ROW GND NEXT TO ROW A
   DIM C : 5.00mm MIN, 7.00mm MAX FOR ROWS A, B, D, E, G & H
   DIM C : 5.00mm MIN, 8.00mm MAX FOR ROW C & F
   DIM C : 4.60mm MIN, 6.30mm MAX FOR ROW GND NEXT TO ROW A

8. THE MIN PCB THICKNESS FOR REAR PLUG-UP APPLICATIONS IS 2.9mm SINCE THE COMPLIANT SECTIONS OF THE GROUND SPRING OF THE HEADER DIRECTLY OPPOSE THE GROUND SPRING OF THE SHROUD. THE MIN PCB THICKNESS FOR FRONT PLUG-UP ONLY APPLICATIONS IS 1.6mm.

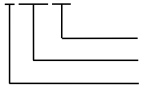
9. THESE HOLES ARE NEEDED FOR REAR PLUG-UP DESIGNS USING A SHROUD AND MAY BE OMITTED FOR FRONT PLUG-UP ONLY DESIGNS.

10. THE 'CONNECTOR OUTLINE' IS THE MIN OUTLINE REQUIRED. TO DETERMINE THE OUTLINE NECESSARY TO PERMIT THE VARIOUS TYPES OF REPAIR OPERATIONS, SEE APPLICATION SPECIFICATION GS-20-010.

11. CURRENT RATING : 1 AMP PER PIN

12. TEMPERATURE RANGE : -55°C TO +105°C

13. P/N 10114820-XYYYLF



LEAD FREE (OPTIONAL)
SELECT LOAD PATTERN
PLATING CODE

14. AFTER INSERTION INTO CIRCUIT BOARD WITH QUALIFIED TOOL.

15. PRODUCTS WHERE THE PART NUMBER ENDS IN LF MEET EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.

    ALL PRODUCTS WILL WITHSTAND EXPOSURE TO 260°C FOR 60 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN.

16. PIN TYPE IS OF EYE OF THE NEEDLE STYLE

spec ref	-	dr	P-Mathew Nebu	2012/05/11	projection	MM	size A4 / scale 1:1
tolerance std ISO 406 ISO 1101	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	Stalin Alosius	2018/03/14			ecn no ELX-I-29544-1
		chr	-	-			
		appr	K-Paul Biju	2018/03/14	product family		rel level Released
surface ISO 1302	linear 0.X ±0.3 / 0.XX ±0.13 / 0.XXX ±0.051	Amphenol FCi	title	VERTICAL SIGNAL HDR 8 ROW P.F. 96 POS. SELECT LOAD EXT.	dwg no	10114820	rev B
	angular 0° ±2°		cat. no.	Product - Customer Drw			sheet 5 of 7

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Creo File - REV E - 2016-02-12

METRAL P/N	ROW	CONTACT CODE											
		1	2	3	4	5	6	7	8	9	10	11	12
10114820-X001 FOR LEAD FREE SEE NOTE 15	H	01	02	02	02	02	02	01	02	02	02	02	03
	G	02	02	02	02	02	02	02	02	02	02	02	03
	F	02	02	02	02	02	02	02	02	02	02	02	03
	E	02	02	02	02	02	02	02	02	02	02	02	03
	D	02	02	02	02	02	02	02	02	02	02	02	03
	C	02	02	02	02	02	02	02	02	02	02	02	03
	B	02	02	02	02	02	02	02	02	02	02	02	03
	A	02	02	02	02	02	02	02	02	02	02	02	03
	GND	01	01	01	01	01	01	01	01	01	01	01	01

METRAL P/N	ROW	CONTACT CODE											
		1	2	3	4	5	6	7	8	9	10	11	12
10114820-X002 FOR LEAD FREE SEE NOTE 15	H	02	02	02	02	02	02	02	02	02	02	01	02
	G	02	02	02	02	02	02	02	02	02	02	01	02
	F	02	02	02	02	02	02	02	02	02	02	01	02
	E	02	02	02	02	02	02	02	02	02	02	02	02
	D	02	02	02	02	02	02	02	02	02	02	03	02
	C	02	02	02	02	02	02	02	02	02	02	03	02
	B	02	02	02	02	02	02	02	02	02	02	03	02
	A	02	02	02	02	02	02	02	02	02	02	01	02
	GND	01	01	01	01	01	01	01	01	01	01	01	01

METRAL P/N	ROW	CONTACT CODE											
		1	2	3	4	5	6	7	8	9	10	11	12
10114820-X003 FOR LEAD FREE SEE NOTE 15	H	02	02	02	02	01	02	01	02	02	02	02	03
	G	02	02	02	02	01	02	02	02	02	02	02	03
	F	02	02	02	02	01	02	02	02	02	02	02	03
	E	02	02	02	02	01	02	02	02	02	02	02	03
	D	02	02	02	02	03	02	02	02	02	02	02	03
	C	02	02	02	02	03	02	02	02	02	02	02	03
	B	02	02	02	02	03	02	02	02	02	02	02	03
	A	02	02	02	02	03	01	02	02	02	02	02	03
	GND	01	01	01	01	01	01	01	01	01	01	01	01

METRAL P/N	ROW	CONTACT CODE											
		1	2	3	4	5	6	7	8	9	10	11	12
10114820-X004 FOR LEAD FREE SEE NOTE 15	H	01	02	01	01	01	02	01	02	02	02	02	03
	G	02	02	01	01	01	02	02	02	02	02	02	03
	F	02	02	01	01	01	02	02	02	02	02	02	03
	E	02	02	01	01	01	02	02	02	02	02	02	03
	D	02	02	01	01	03	02	02	02	02	02	02	03
	C	02	02	01	01	03	02	02	02	02	02	02	03
	B	02	02	01	01	03	02	02	02	02	02	02	03
	A	02	02	01	01	03	01	02	02	02	02	02	03
	GND	01	01	01	01	01	01	01	01	01	01	01	01

METRAL P/N	ROW	CONTACT CODE											
		1	2	3	4	5	6	7	8	9	10	11	12
10114820-X005 FOR LEAD FREE SEE NOTE 15	H	03	03	03	03	03	03	02	02	02	02	02	02
	G	03	03	03	03	03	03	02	02	02	02	02	02
	F	03	03	03	03	03	03	02	02	02	02	02	02
	E	03	03	03	03	03	03	02	02	02	02	02	02
	D	03	03	03	03	03	03	02	02	02	02	02	02
	C	03	03	03	03	03	03	02	02	02	02	02	02
	B	03	03	03	03	03	03	02	02	02	02	02	02
	A	03	03	03	03	03	03	02	02	02	02	02	02
	GND	01	01	01	01	01	01	01	01	01	01	01	01

METRAL P/N	ROW	CONTACT CODE											
		1	2	3	4	5	6	7	8	9	10	11	12
10114820-X006 FOR LEAD FREE SEE NOTE 15	H	01	02	02	02	02	02	01	02	02	02	02	03
	G	01	02	02	02	02	02	01	02	02	02	02	03
	F	01	02	02	02	02	02	01	02	02	02	02	03
	E	02	02	02	02	02	02	02	02	02	02	02	03
	D	02	02	02	02	02	02	02	02	02	02	02	03
	C	02	02	02	02	02	02	02	02	02	02	02	03
	B	02	02	02	02	02	02	02	02	02	02	02	03
	A	02	02	02	02	02	02	02	02	02	02	02	03
	GND	01	01	01	01	01	01	01	01	01	01	01	01

METRAL P/N	ROW	CONTACT CODE											
		1	2	3	4	5	6	7	8	9	10	11	12
10114820-X007 FOR LEAD FREE SEE NOTE 15	H	02	02	02	02	02	02	02	02	02	02	02	02
	G	01	01	01	01	01	01	01	01	01	01	01	01
	F	02	02	02	02	02	02	02	02	02	02	02	02
	E	02	02	02	02	02	02	02	02	02	02	02	02
	D	02	02	02	02	02	02	02	02	02	02	02	02
	C	01	01	01	01	01	01	01	01	01	01	01	01
	B	02	02	02	02	02	02	02	02	02	02	02	02
	A	02	02	02	02	02	02	02	02	02	02	02	02
	GND	01	01	01	01	01	01	01	01	01	01	01	01

METRAL P/N	ROW	CONTACT CODE											
		1	2	3	4	5	6	7	8	9	10	11	12
10114820-X008 FOR LEAD FREE SEE NOTE 15	H	02	02	02	01	02	02	02	02	02	02	02	02
	G	02	02	02	01	02	02	02	02	02	02	02	02
	F	02	02	02	01	02	02	02	02	02	02	02	02
	E	02	02	02	01	02	02	02	02	02	02	02	02
	D	02	02	02	02	02	02	02	02	02	02	02	02
	C	02	02	02	01	02	02	02	02	02	02	02	02
	B	02	02	02	01	02	02	02	02	02	02	02	02
	A	02	02	02	01	02	02	02	02	02	02	02	02
	GND	01	01	01	01	01	01	01	01	01	01	01	01

METRAL P/N	ROW	CONTACT CODE											
		1	2	3	4	5	6	7	8	9	10	11	12
10114820-X009 FOR LEAD FREE SEE NOTE 15	H	01	02	02	02	02	02	02	02	02	02	02	02
	G	02	02	02	02	02	02	02	02	02	02	02	02
	F	02	02	02	02	02	02	02	02	02	02	02	02
	E	03	02	02	02	02	02	02	02	02	02	02	02
	D	03	02	02	02	02	02	02	02	02	02	02	02
	C	03	02	02	02	02	02	02	02	02	02	02	02
	B	03	02	02	02	02	02	02	02	02	02	02	02
	A	03	02	02	02	02	02	02	02	02	02	02	02
	GND	01	01	01	01	01	01	01	01	01	01	01	01

METRAL P/N	ROW	CONTACT CODE											
		1	2	3	4	5	6	7	8	9	10	11	12
10114820-X010 FOR LEAD FREE SEE NOTE 15	H	02	02	02	02	02	02	02	02	02	02	02	02
	G	02	02	02	02	02	02	01	02	02	02	02	02
	F	02	02	02	02	02	02	02	02	02	02	02	02
	E	01	02	02	02	02	02	02	02	02	02	02	02
	D	01	02	02	02	02	02	02	02	02	02	02	02
	C	01	02	02	02	02	02	01	02	02	02	02	02
	B	01	02	02	02	02	02	02	02	02	02	02	02
	A	01	02	02	02	02	02	02	02	02	02	02	02
	GND	01	01	01	01	01	01	01	01	01	01	01	01

METRAL P/N	ROW	CONTACT CODE											
		1	2	3	4	5	6	7	8	9	10	11	12
10114820-X011 FOR LEAD FREE SEE NOTE 15	H	02	02	02	02	02	02	02	02	02	02	02	02
	G	02	02	02	02	02	02	02	02	02	02	01	02
	F	02	02	02	02	02	02	02	02	02	02	02	02
	E	02	02	02	02	02	02	02	02	02	02	02	02
	D	02	02	02	02	02	02	02	02	02	02	02	02
	C	02	02	02	02	02	02	02	02	02	02	01	02
	B	02	02	02	02	02	02	02	02	02	02	02	02
	A	02	02	02	02	02	02	02	02	02	02	02	02
	GND	01	01	01	01	01	01	01	01	01	01	01	01

METRAL P/N	ROW	CONTACT CODE											
		1	2	3	4	5	6	7	8	9	10	11	12
10114820-X012 FOR LEAD FREE SEE NOTE 15	H	02	02	02	02	02	02	02	02	02	02	02	02
	G	02	02	02	02	02	02	02	02	02	02	02	02
	F	04	04	04	04	04	04	04	04	04	04	04	04
	E	02	02	02	02	02	02	02	02	02	02	02	02
	D	02	02	02	02	02	02	02	02	02	02	02	02
	C	02	02	02	02	02	02	02	02	02	02	02	02
	B	02	02	02	02	02	02	02	02	02	02	02	02
	A	02	02	02	02	02	02	02	02	02	02	02	02
	GND	01	01	01	01	01	01	01	01	01	01	01	01

Amphenol FCi

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spec ref	-		
tolerance std	ISO 406 ISO 1101	TOLERANCES UNLESS OTHERWISE SPECIFIED	
surface	ISO 1302	linear 0.X	±0.3
		0.XX	±0.13
		0.XXX	±0.051
		angular 0°	±2°

dr	P-Mathew Nebu	2012/05/11
eng	Stalin Alosius	2018/03/14
chr	-	-
appr	K-Paul Biju	2018/03/14

projection | MM | size A4 | scale 1:1

ecn no ELX-I-29544-1

product family | rel level **Released**

Amphenol FCi

title: VERTICAL SIGNAL HDR 8 ROW P.F. 96 POS. SELECT LOAD EXT.

dwg no 10114820 | rev **B**

cat. no. | Product - Customer Drw | sheet 6 of 7

Creo File - REV E - 2016-02-12

PDS: Rev :B STATUS:Released Printed: Mar 14, 2018

METRAL P/N	ROW	CONTACT CODE											
		1	2	3	4	5	6	7	8	9	10	11	12
10114820-X013 FOR LEAD FREE SEE NOTE 15	H	01	02	02	02	02	02	02	02	04	04	03	03
	G	02	02	02	02	02	02	02	02	04	04	03	03
	F	02	02	02	02	02	02	02	02	04	04	03	03
	E	02	02	02	02	02	02	02	02	04	04	04	04
	D	02	02	02	02	02	02	02	02	04	04	04	04
	C	02	02	02	02	02	02	02	02	04	04	04	04
	B	02	02	02	02	02	02	02	02	04	04	04	04
	A	02	02	02	02	02	02	02	02	04	04	04	04
	GND	01	01	01	01	01	01	01	01	01	01	01	01

METRAL P/N	ROW	CONTACT CODE											
		1	2	3	4	5	6	7	8	9	10	11	12
10114820-X014 FOR LEAD FREE SEE NOTE 15	H	02	02	02	02	02	02	02	02	02	02	02	02
	G	02	02	02	02	02	02	02	02	02	02	02	02
	F	02	02	02	02	02	02	02	02	02	02	02	02
	E	02	02	02	02	02	02	02	02	02	02	02	02
	D	02	02	02	02	02	02	02	02	02	02	02	02
	C	02	02	02	02	02	02	02	02	02	02	02	02
	B	02	02	02	02	02	02	02	02	02	02	02	02
	A	02	02	02	02	02	02	02	02	02	02	02	01
	GND	01	01	01	01	01	01	01	01	01	01	01	01

METRAL P/N	ROW	CONTACT CODE											
		1	2	3	4	5	6	7	8	9	10	11	12
10114820-X015 FOR LEAD FREE SEE NOTE 15	H	02	02	02	02	02	02	02	02	02	02	02	02
	G	02	02	02	02	02	02	02	02	02	02	02	02
	F	02	02	02	02	02	02	02	02	02	02	02	02
	E	02	02	02	02	02	02	02	02	02	02	02	02
	D	06	06	06	06	06	06	06	06	06	06	06	06
	C	06	06	06	06	06	06	06	06	06	06	06	06
	B	06	06	06	06	06	06	06	06	06	06	06	06
	A	06	06	06	06	06	06	06	06	06	06	06	06
	GND	05	05	05	05	05	05	05	05	05	05	05	05

METRAL P/N	ROW	CONTACT CODE											
		1	2	3	4	5	6	7	8	9	10	11	12
10114820-X016 FOR LEAD FREE SEE NOTE 15	H	06	06	06	06	06	06	06	06	06	06	06	06
	G	06	06	06	06	06	06	06	06	06	06	06	06
	F	06	06	06	06	06	06	06	06	06	06	06	06
	E	06	06	06	06	06	06	06	06	06	06	06	06
	D	06	06	06	06	06	06	06	06	06	06	06	06
	C	06	06	06	06	06	06	06	06	06	06	06	06
	B	06	06	06	06	06	06	06	06	06	06	06	06
	A	02	02	02	02	06	06	06	06	06	06	06	06
	GND	05	05	05	05	05	05	05	05	05	05	05	05

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			0.XXX ±0.051
		angular	0° ±2°

dr	P-Mathew Nebu	2012/05/11
eng	Stalin Alosius	2018/03/14
chr	-	-
appr	K-Paul Biju	2018/03/14

projection | MM | product family

size	A4
scale	1:1
ecn no	ELX-I-29544-1
rel level	Released

Amphenol FCi

title: VERTICAL SIGNAL HDR 8 ROW P.F. 96 POS. SELECT LOAD EXT.

dwg no: 10114820

rev: B

cat. no. | Product - Customer Drw | sheet 7 of 7

Creo File - REV E - 2016-02-12

LifeElectronics
Живое партнерство

ООО «ЛайфЭлектроникс» **“LifeElectronics” LLC**

ИНН 7805602321 КПП 780501001 Р/С 40702810122510004610 ФАКБ "АБСОЛЮТ БАНК" (ЗАО) в г.Санкт-Петербурге К/С 30101810900000000703 БИК 044030703

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

www.lifeelectronics.ru