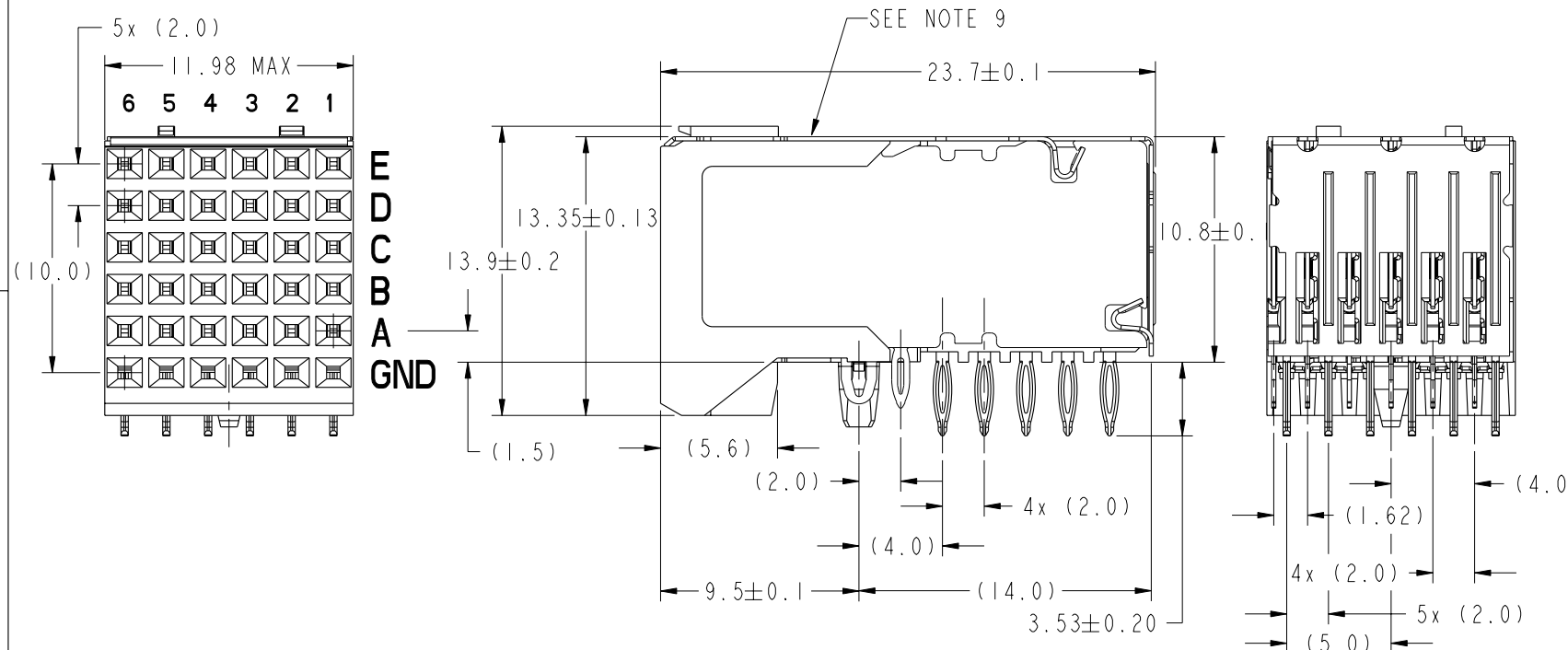




PRODUCT NUMBER	PLATING PERFORMANCE LEVEL	PRESS-FIT TAIL PLATING
73981-102	TELCORDIA CO	SnPb
73981-102LF		Sn (SEE NOTE 14)
73981-302	CUSTOMER SPECIAL	SnPb
73981-302LF		Sn (SEE NOTE 14)
73981-902	TELCORDIA CO	SnPb
73981-902LF		Sn (SEE NOTE 14)
73981-902S	CUSTOMER SPECIAL	SnPb
73981-902SLF		Sn (SEE NOTE 14)



mat'l code SEE NOTE 2				tolerances unless otherwise specified		CUSTOMER		FCI www.fciconnect.com	
ltr	ecn no.	dr	date	linear	0.X ±0.3	COPY		title	
AC	V06-0544	DCH	2006-06-09	linear	0.XX ±0.10	projection		RIGHT ANGLE SIGNAL RECEPT.	
AD	V07-0352	HTB	2007-06-05	linear	0.XXX ±0.050	MM		5 ROW, 30 POSITION	
AE	V07-0430	DCH	2007-06-27	angles	0° ±2°	scale		product family METRAL 1000 code	
AF	V07-0706	HTB	2007-12-10	dr	S. STONER 2000-06-30	3:1		size	
-	-	-	-	engr	W.J. SWAIN 2000-06-14			dwg no	
AA	V05-0391	DAI	2005-04-25	chr	W.J. SWAIN 2001-05-21			73981	
AB	V05-0405	DAI	2005-05-16	appd	W.J. SWAIN 2001-05-21			213	
sheet index	revision sheet	AF 1	AF 2	AF 3	AF 4			sheet 1 of 4	
						cage code		22526	

PRODUCT NUMBER


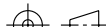
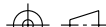
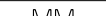
SEE SHEET 1

NOTES

1. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS AND TOLERANCES ARE IN ACCORDANCE WITH ASME Y14.5M, 1994
2. HOUSING MATERIAL: LIQUID CRYSTAL POLYMER, GLASS FILLED, FLAME RETARDANT PER UL94V-0
GROUND SHIELD MATERIAL: COPPER ALLOY
SIGNAL CONTACT MATERIAL: COPPER ALLOY
3. PLATING ON PRESS-FIT TAIL AREA: 73981-X02 IS SnPb, 73981-X02LF IS Sn (LEAD FREE)
4. $\varnothing 2.05$ HOLE IS UNPLATED
5. $\varnothing 1.53$ PLATED HOLES (2X) ARE FOR GROUNDS
6. AVOID TRACES IN THIS AREA ON TOP OF PCB DUE TO EXPOSED GROUND SHIELD
7. UNDERPLATING FOR SHIELD AND SIGNAL CONTACTS IS 1.3 μ m Ni MIN
8. COMPONENT KEEP OUT ZONE FOR PRESS BLOCK CLEARANCE.
9. PRODUCT MARKING: PRODUCT NUMBER, DATE AND LOT CODE.
10. SEE GS-20-017 FOR APPLICATION OF CONNECTOR TO PCB.
11. PCB THICKNESS RANGE: 1.3mm TO 2.5mm
12. SEE PRODUCT SPECIFICATION GS-12-110 FOR PRODUCT PERFORMANCE CHARACTERISTICS.
13. THIS GROUND ROW OF VIA-HOLES ONLY REQUIRED FOR PREVIOUS REVISIONS OF THIS DESIGN WHERE THE TOP SHIELDS HAD EON PRESS-FIT. DUE TO INVENTORIES OF PREVIOUS VERSION WE RECOMMEND THEY BE DESIGNED IN.
14. THE PRODUCTS WHERE THE PART NUMBER ENDS IN LF MEET EUROPEAN DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008. ALL PRODUCTS WILL WITHSTAND EXPOSURE TO 260° FOR 60 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN.



This document is the property of and embodies CONFIDENTIAL and PROPRIETARY information of FCI. No part of the information shown on this document may be used in any way or disclosed to others without the written consent of FCI. Copyright FCI.

mat'l code SEE NOTE 2				tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com					
ltr	ecn no.	dr	date	linear	0. X ± 0.3		COPY		title RIGHT ANGLE SIGNAL RECEPT. 5 ROW, 30 POSITION				
AF					0. XX ± 0.10		projection 						
					0. XXX ± 0.050								
				angles	0° $\pm 2^\circ$								
		dr			S. STONER	2000-06-30	MM  scale 3:1		product family		METRAL 1000	code	
		engr			W. J. SWAIN	2000-06-14			size		dwg no	73981	213
		chr			W. J. SWAIN	2001-05-21							sheet
		appd			W. J. SWAIN	2001-05-21						3	
sheet index		revision sheet											

cage code 22526

Pro/E

3 |

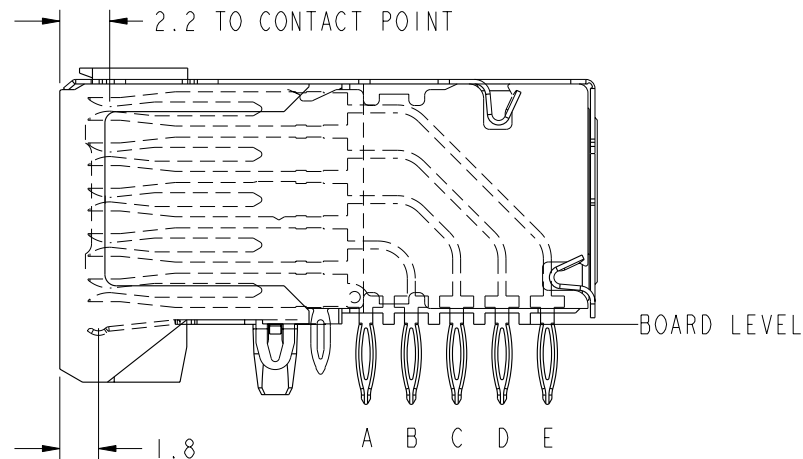
4

PDM: Rev:AF

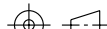

STATUS: Released Printed: May 13, 2011

PRODUCT NUMBER
SEE SHEET 1

DISTANCE FROM CONTACT POINT TO BOARD	
CONTACT	DISTANCE
A	12.5
B	16.2
C	19.5
D	22.3
E	25.2



CONTACT POINT AND SKEW

mat'l code SEE NOTE 2				tolerances unless otherwise specified		CUSTOMER		FCI www.fciconnect.com		
ltr	ecr no.	dr	date	linear	0. X \pm 0.3		COPY		title RIGHT ANGLE SIGNAL RECEPT. 5 ROW, 30 POSITION	
AF					0. XX \pm 0.10		projection			
					0. XXX \pm 0.050					
				angles	0° \pm 2°					
		dr	S. STONER	2000-06-30	 MM		product family		METRAL 1000	code
		enrg	W. J. SWAIN	2000-06-14			size	dwg no	213	
		chr	W. J. SWAIN	2001-05-21			scale	A	73981	sheet
		appd	W. J. SWAIN	2001-05-21	3:1				4	
sheet index	revision sheet									

This document is the property of and embodies
CONFIDENTIAL and PROPRIETARY information of FCI.
No part of the information shown on this
document may be used in any way or disclosed
to others without the written consent of FCI.
Copyright FCI.

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[FCI / Amphenol:](#)

[73981-902LF](#) [73981-902SLF](#)