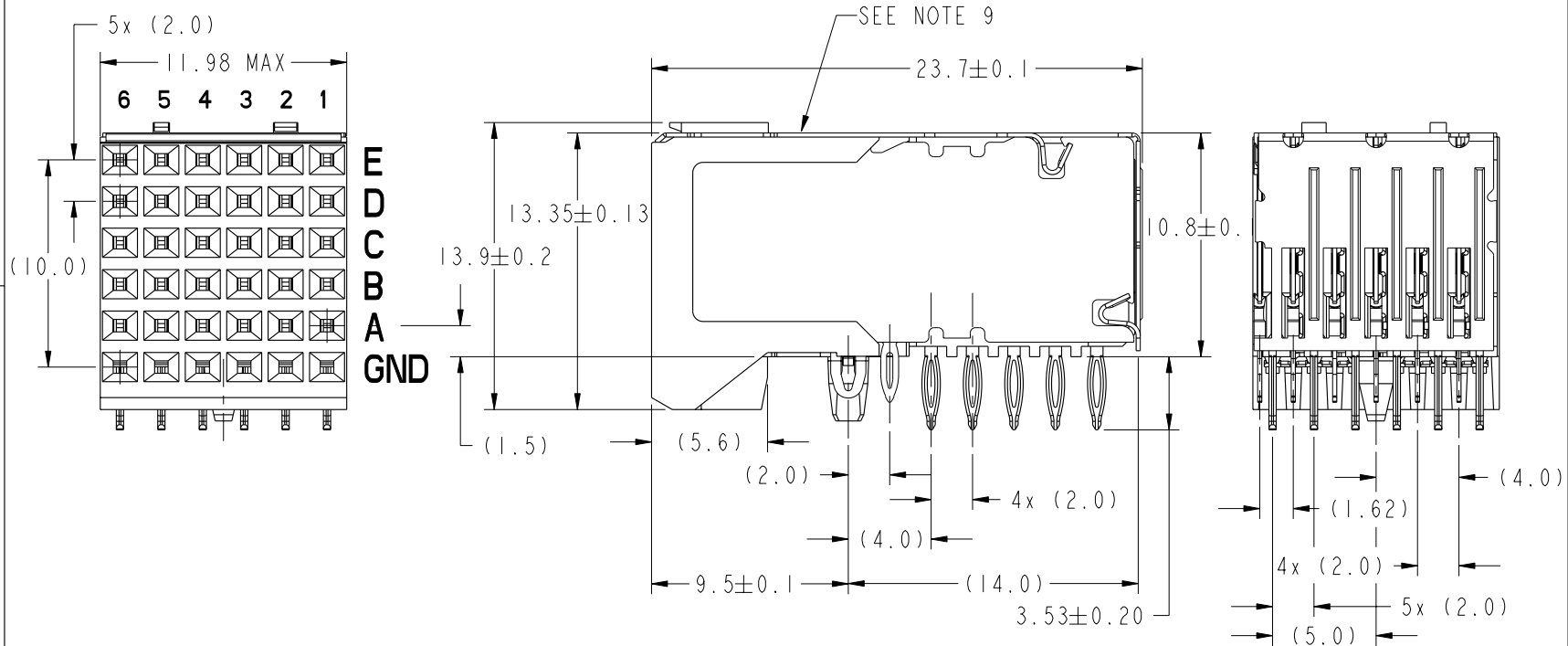


PRODUCT NUMBER	PLATING PERFORMANCE LEVEL	PRESS-FIT TAIL PLATING
73981-102	TELCORDIA CO	SnPb
73981-102LF		Sn (SEE NOTE 14)
73981-302	CUSTOMER SPECIAL	SnPb
73981-302LF		Sn (SEE NOTE 14)
73981-902	TELCORDIA CO	SnPb
73981-902LF		Sn (SEE NOTE 14)
73981-902S	CUSTOMER SPECIAL	SnPb
73981-902SLF		Sn (SEE NOTE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



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

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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. Ø2.05 HOLE IS UNPLATED
- 5. Ø1.53 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 µm 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.

A

A



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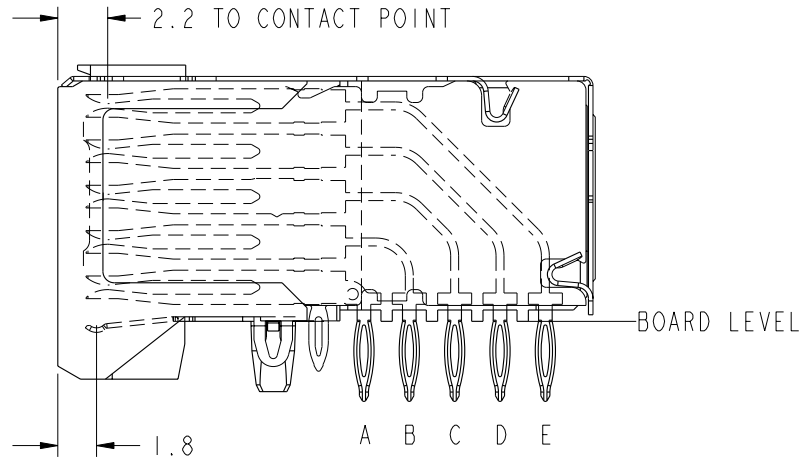
B

B

mat'l code SEE NOTE 2				tolerances unless otherwise specified		CUSTOMER	FCI www.fciconnect.com		
ltr	ecr no.	dr	date	linear	0.X ±0.3	COPY	title RIGHT ANGLE SIGNAL RECEPT. 5 ROW, 30 POSITION	product family METRAL 1000 code 213	
AF					0.XX ±0.10	projection			sheet 3
					0.XXX ±0.050				
				angles	0° ±2°		size	dwg no 73981	
				dr	S. STONER 2000-06-30	scale 3:1	A	cage code 22526	
				engr	W. J. SWAIN 2000-06-14				
				chr	W. J. SWAIN 2001-05-21				
				appd	W. J. SWAIN 2001-05-21				
sheet index	revision sheet								

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



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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	
AF				linear	0.XX ± 0.10	projection	title RIGHT ANGLE SIGNAL RECEPT. 5 ROW, 30 POSITION
				angles	0.XXX ± 0.050		
				angles	0° ± 2°		
		dr	S. STONER	2000-06-30		MM	product family
		engr	W. J. SWAIN	2000-06-14		← MM →	METRAL 1000
		chr	W. J. SWAIN	2001-05-21		scale	code
		appd	W. J. SWAIN	2001-05-21	3:1	A	213
sheet	revision						size
index	sheet						dwg no
							73981
							sheet
							4

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[1410367-3](#) [1410971-4](#) [1467833-1](#) [2000877-1](#) [2000878-1](#) [2041314-1](#) [2065387-1](#) [2187307-1](#) [2187462-1](#) [2226278-6](#) [KA81-07](#) [91290-101LF](#)
[163P](#) [1934290-1](#) [2000875-1](#) [2065917-1](#) [2102736-2](#) [FSR-40](#) [2169868-2](#) [2226279-2](#) [22354-8](#) [437-5040-000](#) [5-1393565-0](#) [532449-3](#) [532803-](#)
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