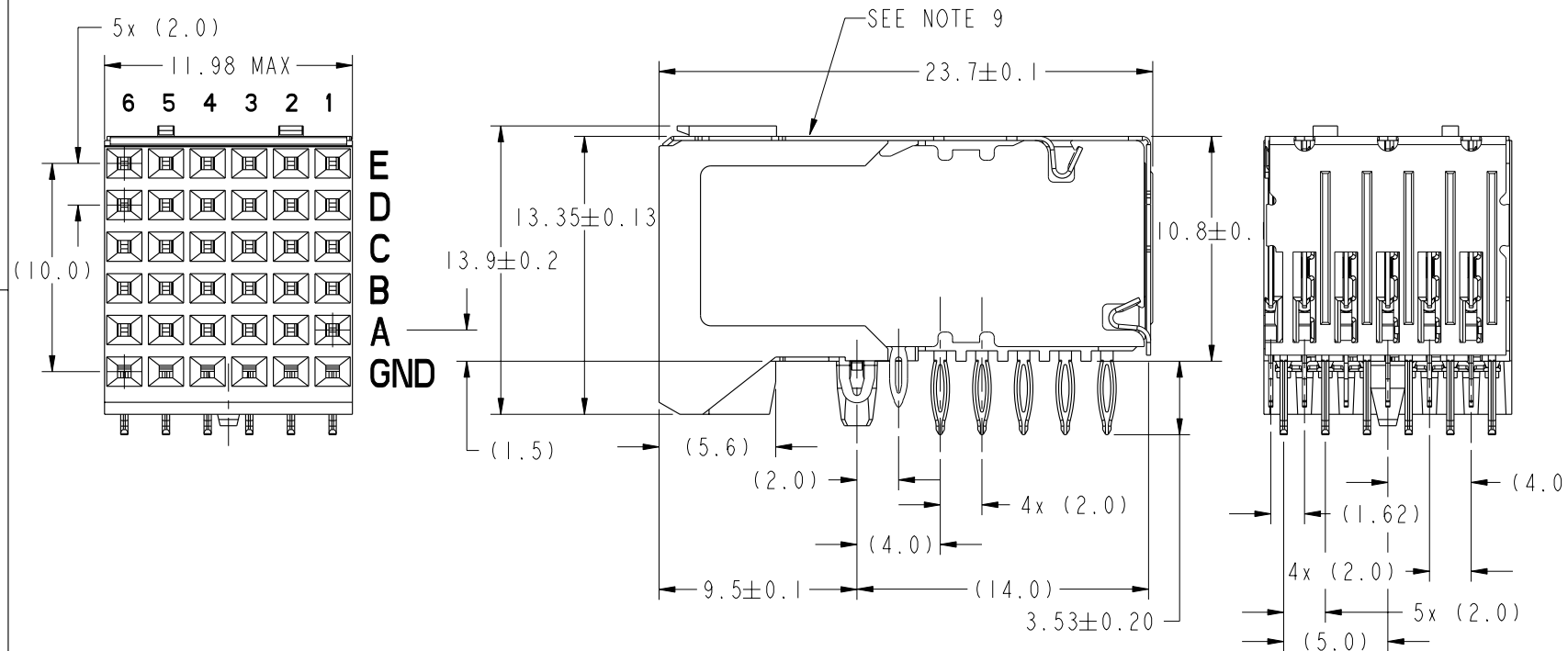




PRODUCT NUMBER	PLATING PERFORMANCE LEVEL	PRESS-FIT TAIL PLATING
73981-102	TELCORDIA CO	SnPb
73981-102LF		Sn (SEE NOTE 14)
73981-302	CUSTOMER SPECIAL	SnPb
73981-302LF		Sn (SEE NOTE 14)
73981-902	TELCORDIA CO	SnPb
73981-902LF		Sn (SEE NOTE 14)
73981-902S	CUSTOMER SPECIAL	SnPb
73981-902SLF		Sn (SEE NOTE 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	projection	COPY	title	RIGHT ANGLE SIGNAL RECEPT. 5 ROW, 30 POSITION
AC	V06-0544	DCH	2006-06-09		0.XX ±0.10				
AD	V07-0352	HTB	2007-06-05	angles	0.XXX ±0.050	MM	scale	product family	METRAL 1000
AE	V07-0430	DCH	2007-06-27		0° ±2°				
AF	V07-0706	HTB	2007-12-10	dr	S. STONER 2000-06-30	3:1	size	dwg no	code
-	-	-	-	enrg	W.J. SWAIN 2000-06-14				
AA	V05-0391	DAI	2005-04-25	chr	W.J. SWAIN 2001-05-21	A	73981	sheet	213
AB	V05-0405	DAI	2005-05-16	appd	W.J. SWAIN 2001-05-21				
sheet index	revision sheet	AF	AF	AF	AF				
		1	2	3	4				

PRODUCT NUMBER

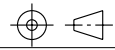
SEE SHEET 1

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 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.

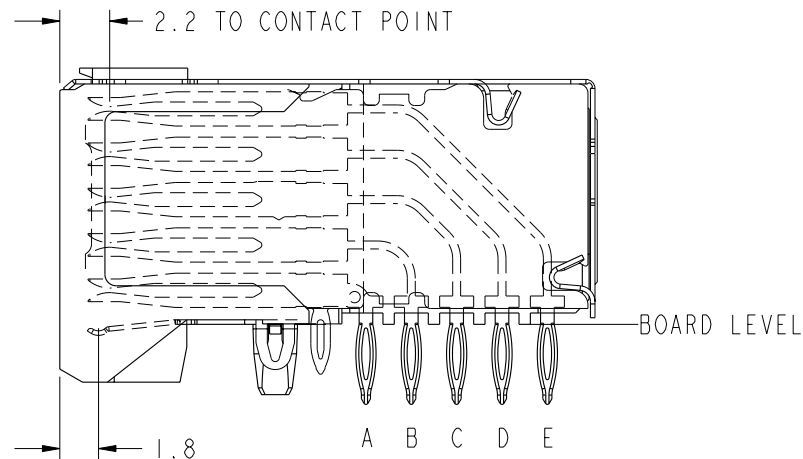


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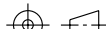
mat'l code SEE NOTE 2				tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com				
ltr	ecn no.	dr	date	linear	0.X ± 0.3		COPY		title RIGHT ANGLE SIGNAL RECEPT. 5 ROW, 30 POSITION			
AF					0.XX ± 0.10		projection					
					0.XXX ± 0.050							
				angles	0° $\pm 2^\circ$				product family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

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 RIGHT ANGLE SIGNAL RECEPT. 5 ROW, 30 POSITION	
AF					0. XX ±0.10		projection			
					0. XXX ±0.050					
				angles	0° ±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	
		appd	W. J. SWAIN	2001-05-21	3:1				sheet	4
sheet index	revision sheet									

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