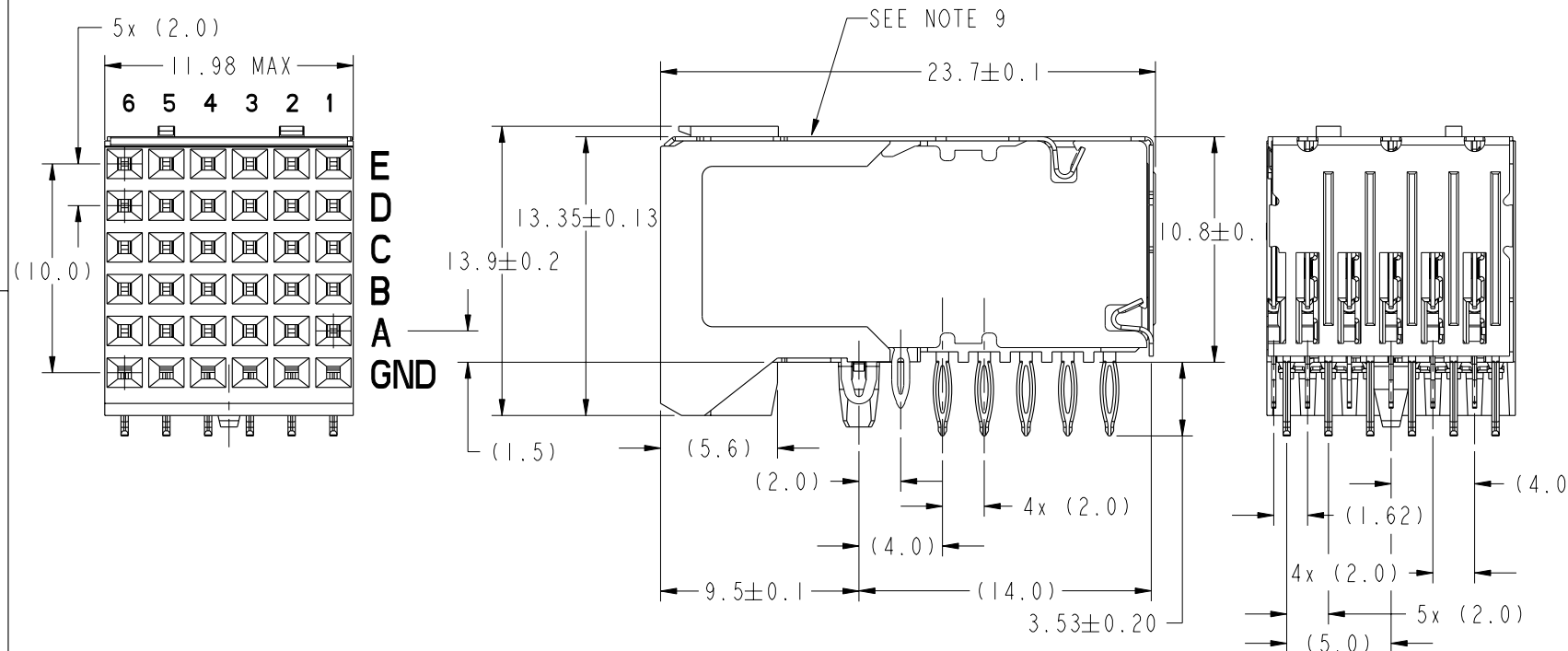
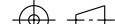




PRODUCT NUMBER	PLATING PERFORMANCE LEVEL	PRESS-FIT TAIL PLATING
73981-102	TELCORDIA CO	SnPb
73981-102LF		Sn (SEE NOTE 14)
73981-302	CUSTOMER SPECIAL	SnPb
73981-302LF		Sn (SEE NOTE 14)
73981-902	TELCORDIA CO	SnPb
73981-902LF		Sn (SEE NOTE 14)
73981-902S	CUSTOMER SPECIAL	SnPb
73981-902SLF		Sn (SEE NOTE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



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

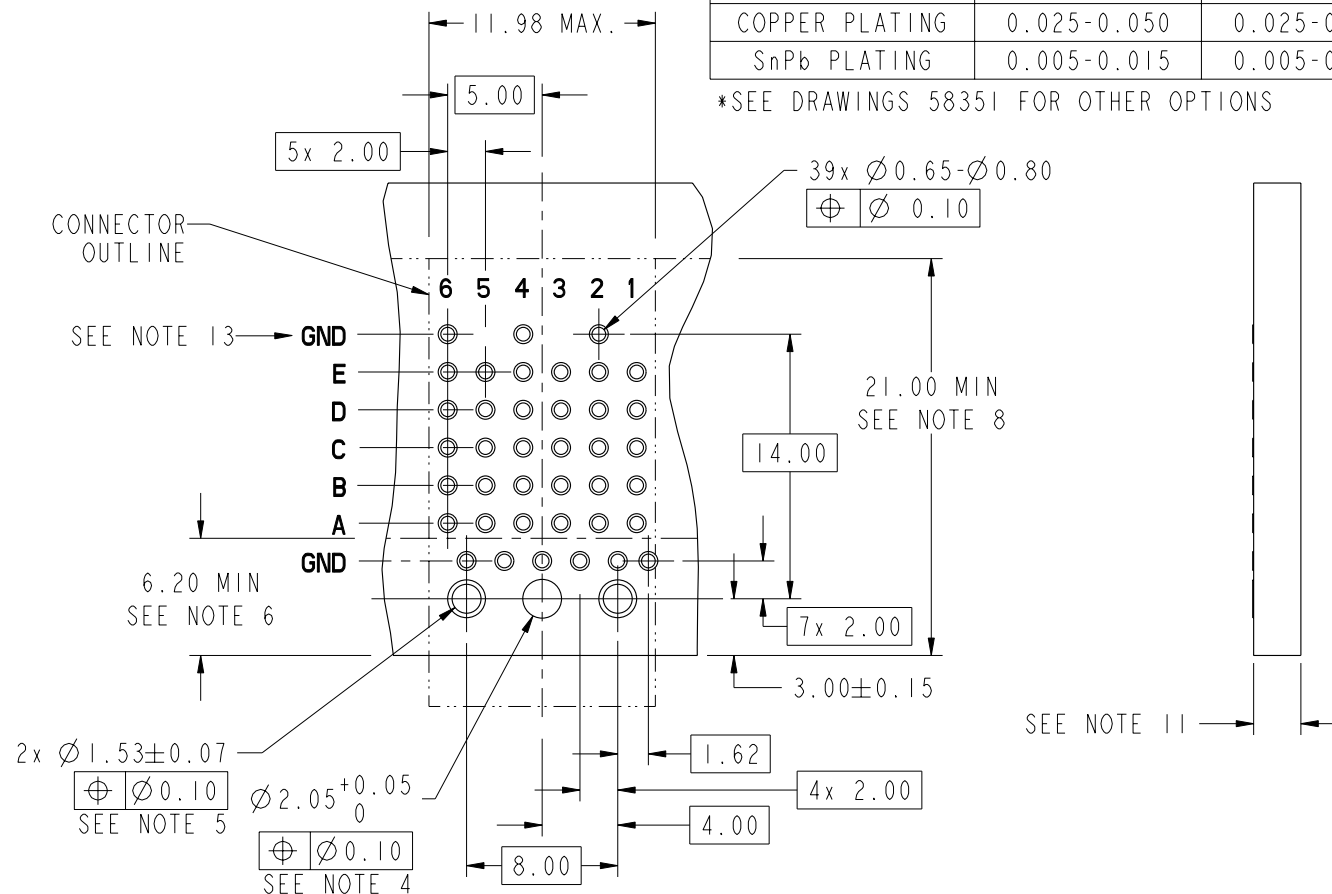


PRODUCT NO.
SEE SHEET 1

PRESS-FIT HOLES

HOLE DIAMETER AFTER PLATING	$\varnothing 0.65\text{-}\varnothing 0.80$ *	$\varnothing 1.53$
DRILLED HOLE	$\varnothing 0.81\text{-}\varnothing 0.86$ ($\varnothing 0.85$ DRILL)	$\varnothing 1.61\text{-}\varnothing 1.66$ ($\varnothing 1.65$ DRILL)
COPPER PLATING	0.025-0.050	0.025-0.050
SnPb PLATING	0.005-0.015	0.005-0.015

*SEE DRAWINGS 58351 FOR OTHER OPTIONS



RECOMMENDED PCB HOLE
PATTERN-COMPONENT SIDE

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

Pro/E

cage code 22526

PDM: Rev:AF

STATUS: Released

Printed: May 13, 2011

PRODUCT NUMBER

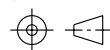
SEE SHEET 1

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.

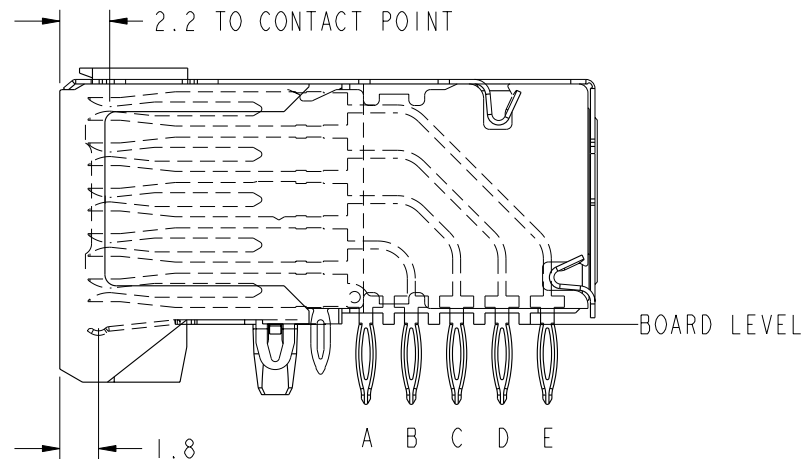


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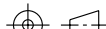
mat'l code SEE NOTE 2				tolerances unless otherwise specified			CUSTOMER		 www.fciconnect.com				
ltr	ecn no.	dr	date	linear	0. X $\pm$ 0.3			COPY					
AF					0. XX $\pm$ 0.10			projection					
					0. XXX $\pm$ 0.050								
				angles	0° $\pm$ 2°					title RIGHT ANGLE SIGNAL RECEPT. 5 ROW, 30 POSITION			
				dr	S. STONER	2000-06-30				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		scale 3:1		A			3
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			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	revision									
index	sheet									

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