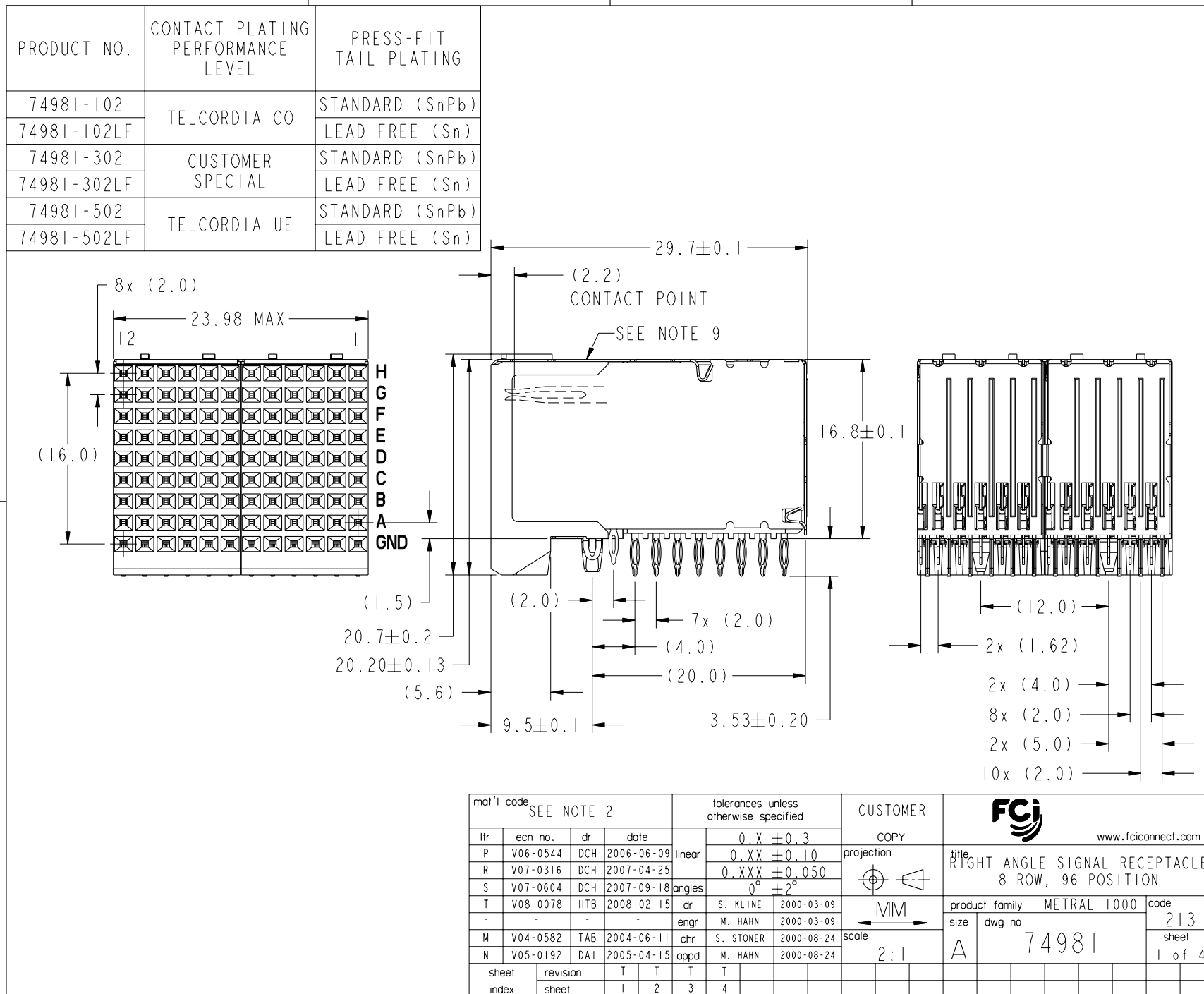






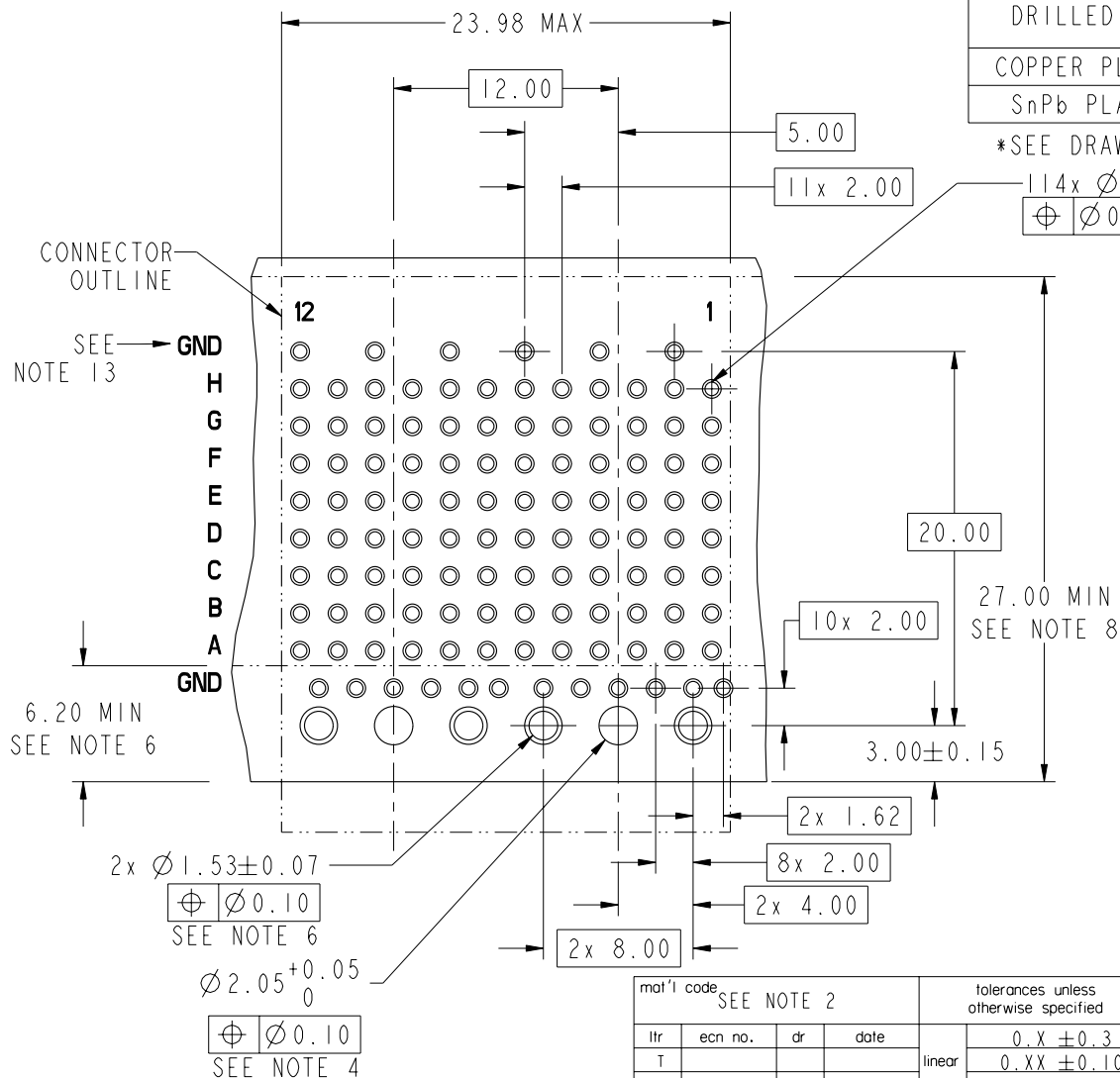
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PRODUCT NUMBER
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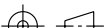
PRESS-FIT HOLES

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 DRAWING 58351 FOR OTHER OPTIONS



RECOMMENDED PCB HOLE
PATTERN-COMPONENT SIDE

mat'l code SEE NOTE 2				tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com		
ltr	ecr no.	dr	date	linear	0.X ±0.3		projection 	title RIGHT ANGLE SIGNAL RECEPTACLE 8 ROW, 96 POSITION		
T					0.XX ±0.10					
					0.XXX ±0.050					
				angles	0° ±2°		 MM scale 1:1	product family METRAL 1000		
				dr	S. KLINE	2000-03-09		size	dwg no 74981	
				enrg	M. HAHN	2000-03-09				code 213
				chr	S. STONER	2000-08-24				
				appd	M. HAHN	2000-08-24				
sheet index		revision sheet								

Pro/E

3

cage code 22526

4

PDM: Rev:T

STATUS: Released

Printed: May 13, 2011

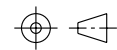
PRODUCT NUMBER

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:
PRESS-FIT TAIL AREA: SnPb ON STANDARD
Sn ON LEAD FREE
MATING CONTACT POINTS: MEETS PERFORMANCE LEVEL SHOWN IN TABLE ON SHEET 1.
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: DATE AND LOT CODE.
10. SEE GS-20-018 FOR APPLICATION OF CONNECTOR TO PCB.
11. PCB THICKNESS RANGE: 1.3mm TO 3.4mm.
12. SEE PRODUCT SPECIFICATION GS-12-134 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. 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.

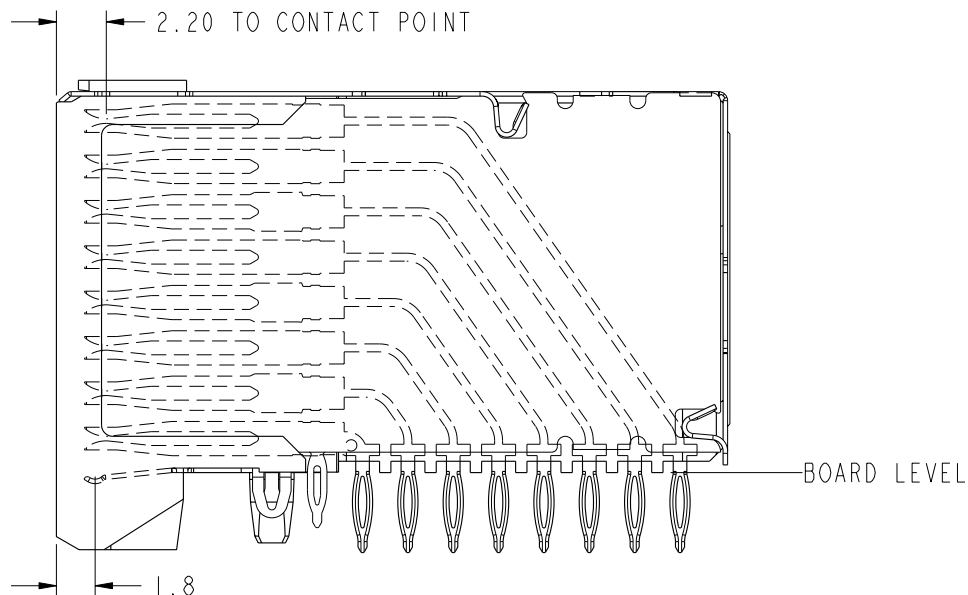
mat'l code SEE NOTE 2				tolerances unless otherwise specified				CUSTOMER				 www.fciconnect.com							
ltr	ecr no.	dr	date	linear	0.X ±0.3				COPY										
T					0.XX ±0.10				projection										
					0.XXX ±0.050														
				angles	0° ±2°								RIGHT ANGLE SIGNAL RECEPTACLE 8 ROW, 96 POSITION						
				dr	S. KLINE	2000-03-09	MM				product family METRAL 1000 code								
				enrg	M. HAHN	2000-03-09	←				size								
				chr	S. STONER	2000-08-24	scale				dwg no								
				appd	M. HAHN	2000-08-24	2:1				A								
sheet index		revision sheet																	



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PRODUCT NUMBER
SEE SHEET 1

DISTANCE FROM CONTACT POINT TO BOARD	
CONTACT	DISTANCE
A	12.5
B	15.9
C	18.9
D	21.9
E	25.0
F	28.0
G	31.1
H	34.1



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 ± 0.3		COPY		title RIGHT ANGLE SIGNAL RECEPTACLE 8 ROW, 96 POSITION			
T					0.XX ± 0.10		projection 					
				0.XXX ± 0.050								
				angles	0° $\pm 2^\circ$							
				dr	S. KLINE	2000-03-09	MM 3:1		product family		METRAL 1000	code
				enrg	M. HAHN	2000-03-09			size	dwg no	213	
				chr	S. STONER	2000-08-24			A		74981	
				appd	M. HAHN	2000-08-24					sheet	4
sheet index		revision sheet										

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