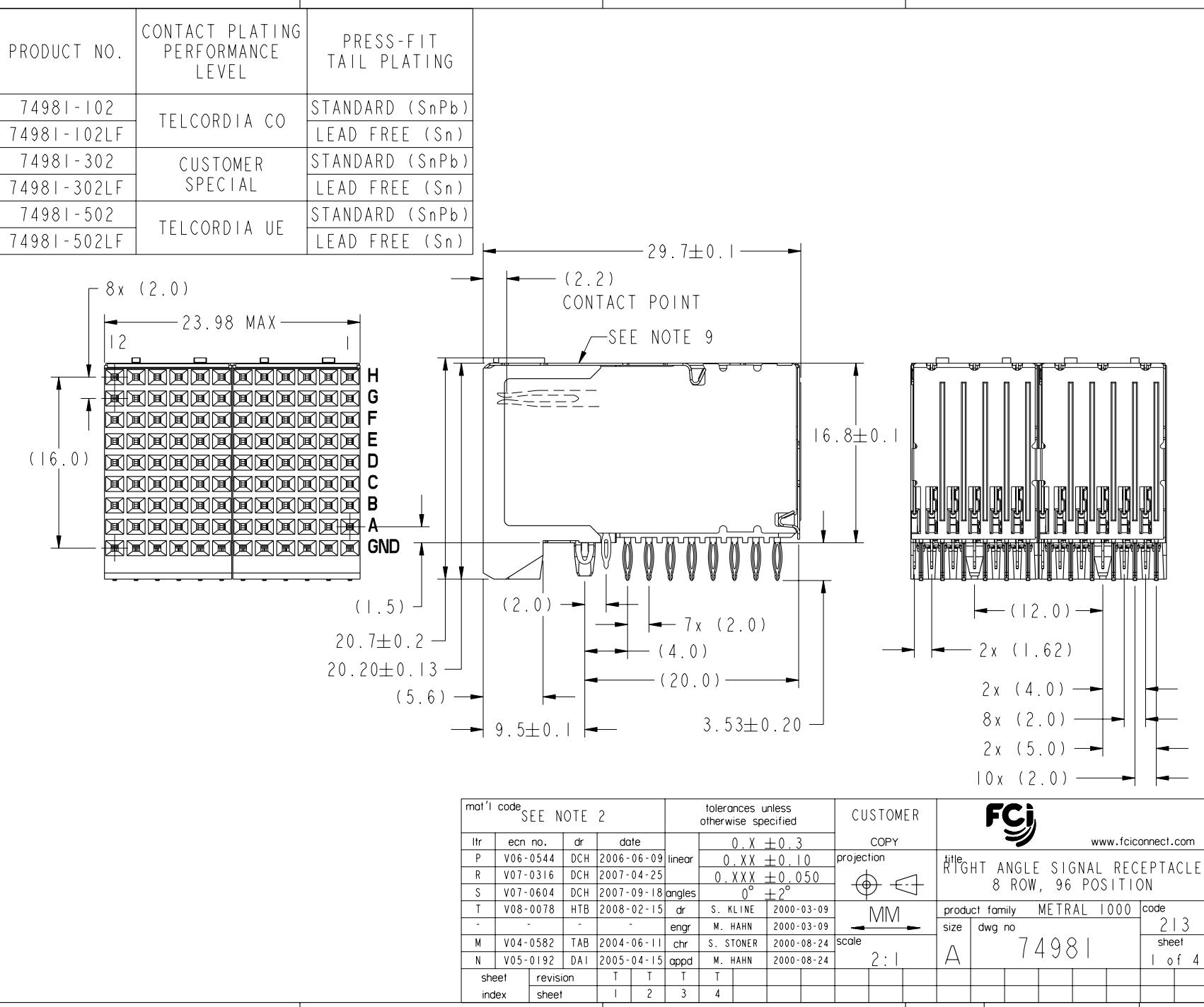


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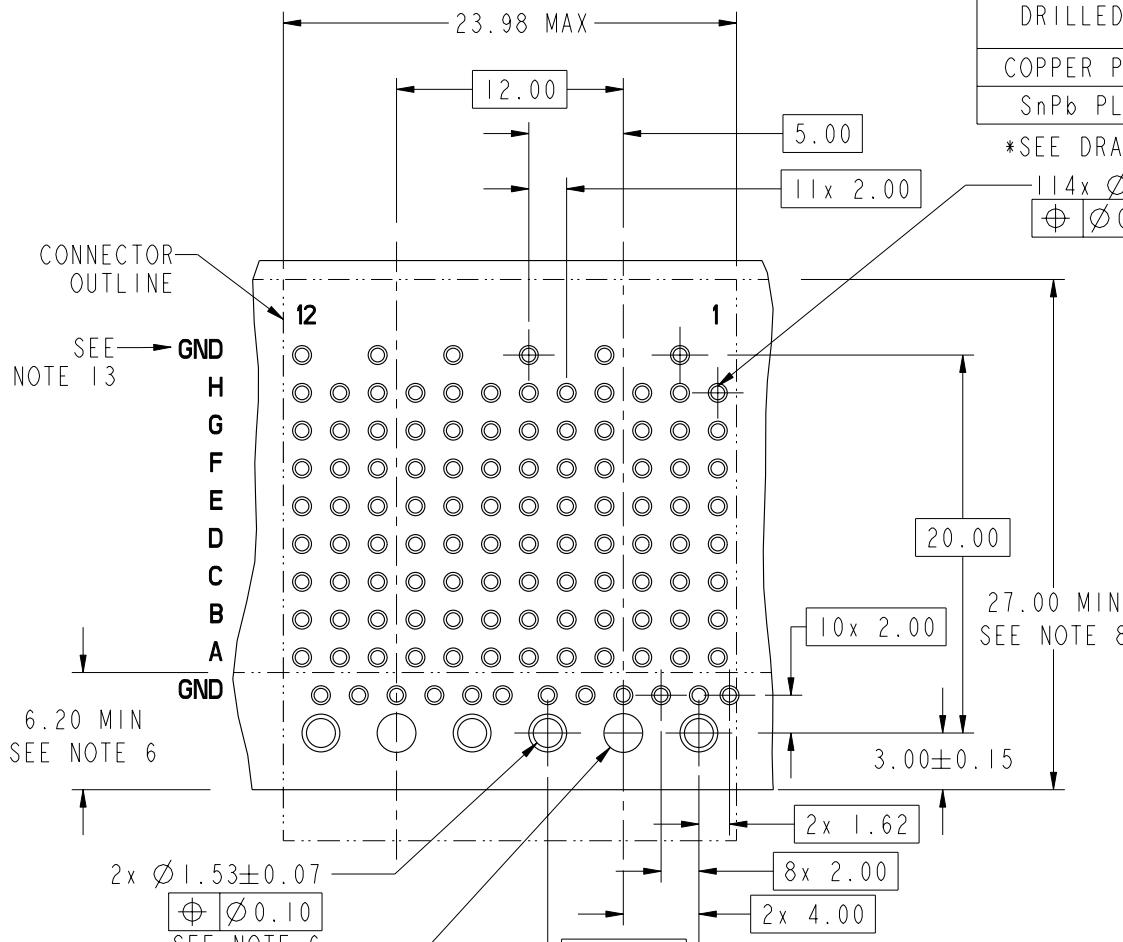
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PRODUCT NUMBER
SEE SHEET 1

PRESS-FIT HOLES

HOLE DIAMETER AFTER PLATING	$\phi 0.65$ - $\phi 0.80$ *	$\phi 1.53$
DRILLED HOLE	$\phi 0.81$ - $\phi 0.86$ ($\phi 0.85$ DRILL)	$\phi 1.61$ - $\phi 1.66$ ($\phi 1.65$ 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

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. $\varnothing 2.05$ 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 $1.3 \mu\text{m}$ 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.

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mat'l code				SEE NOTE 2			tolerances unless otherwise specified		CUSTOMER COPY	projection	title
ltr	ecn no.	dr	date		0. X ± 0.3						
T				linear	0. XX ± 0.10						
					0. XXX ± 0.050						
				angles	$0^\circ \pm 2^\circ$						
				dr	S. KLINE	2000-03-09			MM	product family METRAL 1000 size dwg no 213 scale 2:1	
				engr	M. HAHN	2000-03-09					
				chr	S. STONER	2000-08-24					
				appd	M. HAHN	2000-08-24					
		sheet	revision								
		index	sheet								



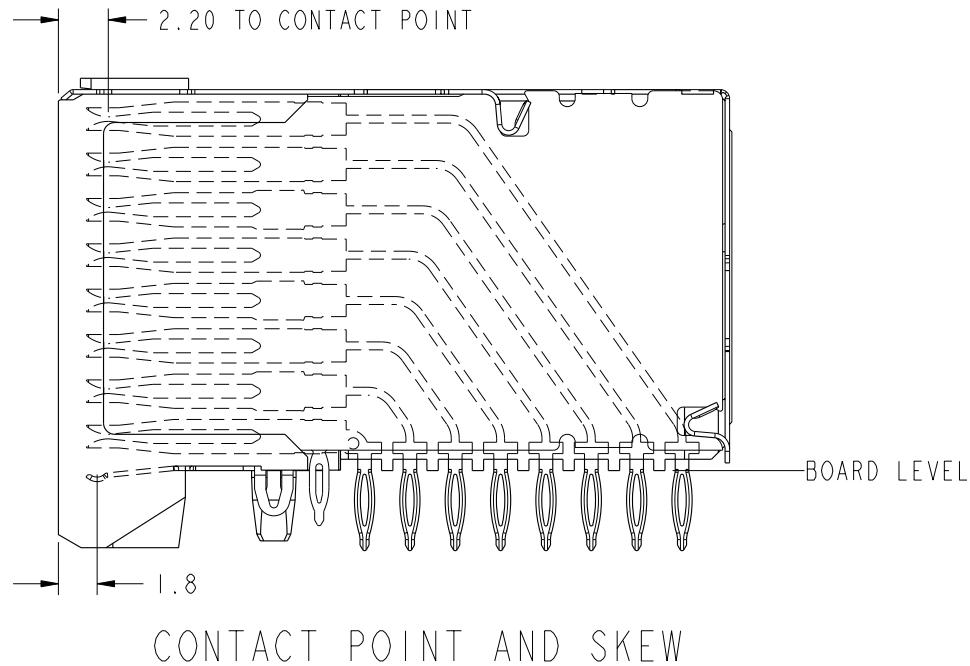
www.fciconnect.com

RIGHT ANGLE SIGNAL RECEPTACLE
8 ROW, 96 POSITION



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



mat'l code				SEE NOTE 2			tolerances unless otherwise specified		CUSTOMER COPY	FCI	www.fciconnect.com
ltr	ecn no.	dr	date		0. X \pm 0. 3						
T				linear	0. XX \pm 0. 10			projection			
					0. XXX \pm 0. 050						
				angles	0° \pm 2°						
				dr	S. KLINE	2000-03-09		MM	product family	METRAL 1000	code
				engr	M. HAHN	2000-03-09			size	dwg no	213
				chr	S. STONER	2000-08-24		scale			
				appd	M. HAHN	2000-08-24		3:1	A	74981	sheet
				sheet	revision						4
				index	sheet						

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