

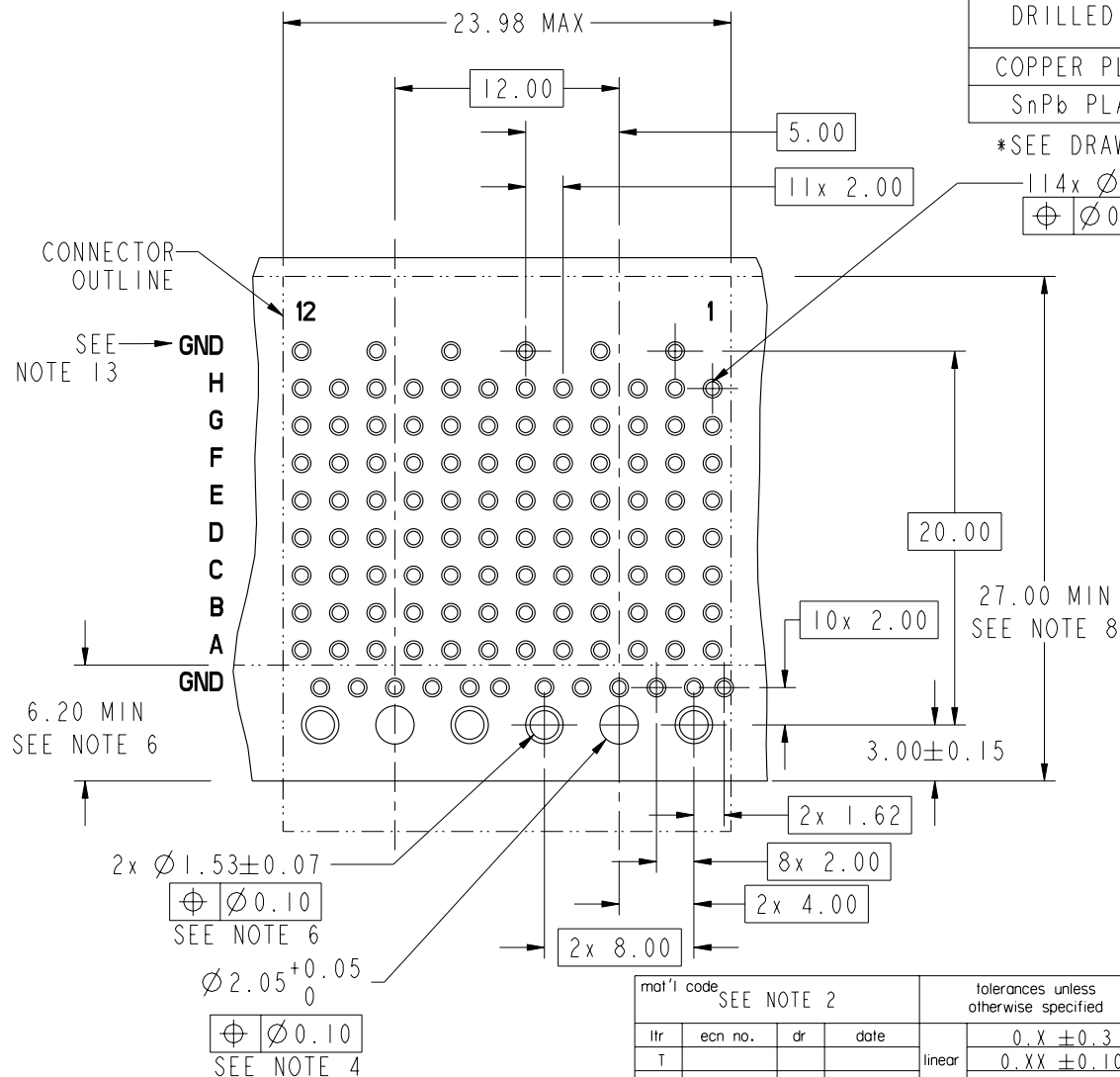


PRODUCT NUMBER
SEE SHEET 1

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

Pro/E

cage code 22526

PDM: Rev:T

STATUS: Released

Printed: May 13, 2011

PRODUCT NUMBER

SEE SHEET 1

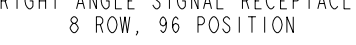
NOTES

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	ecn no.	dr	date	linear	0.X ±0.3			projection 					
T					0.XX ±0.10								
					0.XXX ±0.050								
				angles	0° ±2°								
				dr	S. KLINE	2000-03-09			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	scale 2:1					sheet 3	
sheet index		revision sheet											

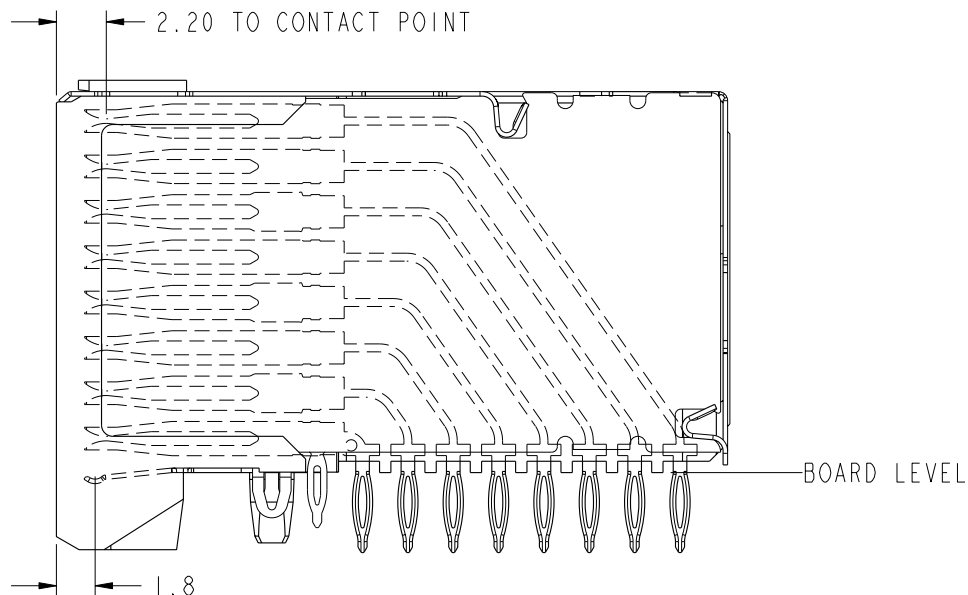
cage code 22526



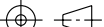
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PRODUCT NUMBER
SEE SHEET 1

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

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