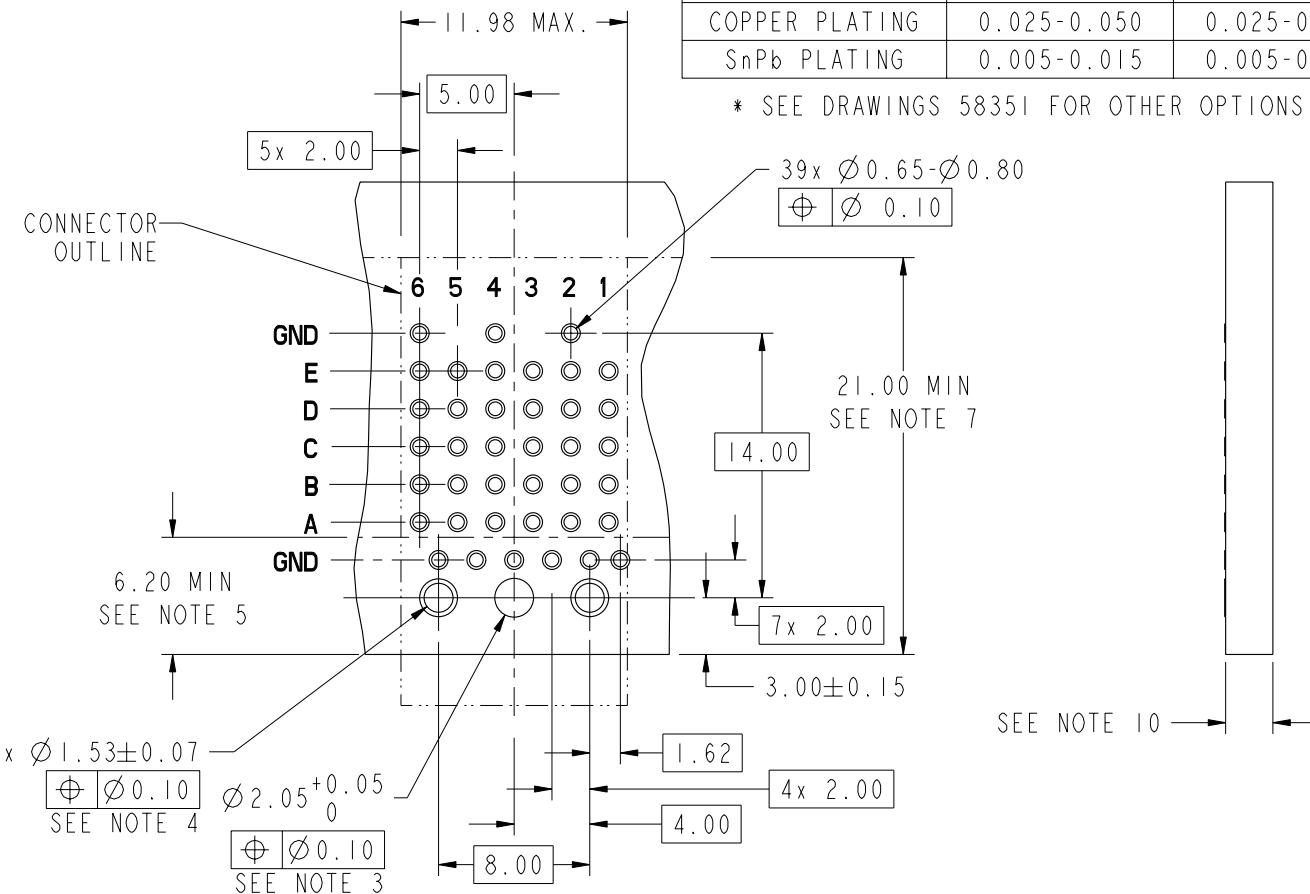


PRODUCT NUMBER
SEE SHEET 1

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 DRAWINGS 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	ecn no.	dr	date	linear	0. X \pm 0.3			COPY			
G					0. XX \pm 0.10	projection	RIGHT ANGLE SIGNAL RECEPTACLE 5 ROW P.F. 30 POSITION				
					0. XXX \pm 0.050						
				angles	0° \pm 2°		MM	product family	METRAL 1000	code	
					dr						T. BRUNGARD 2004-06-02
					engr						J. VOLSTORF 2004-06-02
					chr						J. VOLSTORF 2004-06-02
				appd	J. VOLSTORF 2004-06-02	scale	A	10041743	213		
sheet	revision					1 : 1				sheet	
index	sheet									2	

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. $\varnothing 2.05$ HOLE IS UNPLATED
4. $\varnothing 1.53$ PLATED HOLES (2X) ARE FOR GROUNDS
5. AVOID TRACES IN THIS AREA ON TOP OF PCB DUE TO EXPOSED GROUND SHIELD
6. UNDERPLATING FOR SHIELD AND SIGNAL CONTACTS IS $1.3 \mu\text{m}$ Ni MIN
7. COMPONENT KEEP OUT ZONE FOR PRESS BLOCK CLEARANCE
8. PRODUCT MARKING: PRODUCT NUMBER, DATE AND LOT CODE
9. SEE GS-20-017 FOR APPLICATION OF CONNECTOR TO PCB
10. PCB THICKNESS RANGE: 1.3mm TO 2.5mm
11. SEE PRODUCT SPECIFICATION GS-12-110 FOR PRODUCT PERFORMANCE CHARACTERISTICS.

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(12)

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° FOR 60 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN.

A

A

mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER COPY	projection	title	www.fciconnect.com
ltr	ecn no.	dr	date	linear	0. X ± 0.3	0. XX ± 0.10	0. XXX ± 0.050				
6				angles			$0^\circ \pm 2^\circ$			RIGHT ANGLE SIGNAL RECEPTACLE 5 ROW P.F. 30 POSITION	
				dr	T. BRUNGARD	2004-06-02		MM	product family	METRAL 1000	code
				engr	J. VOLSTORF	2004-06-02			size	dwg no	213
				chr	J. VOLSTORF	2004-06-02		scale			sheet
				appd	J. VOLSTORF	2004-06-02		3:1	A	10041743	3
				sheet	revision						
				index	sheet						

B

B

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