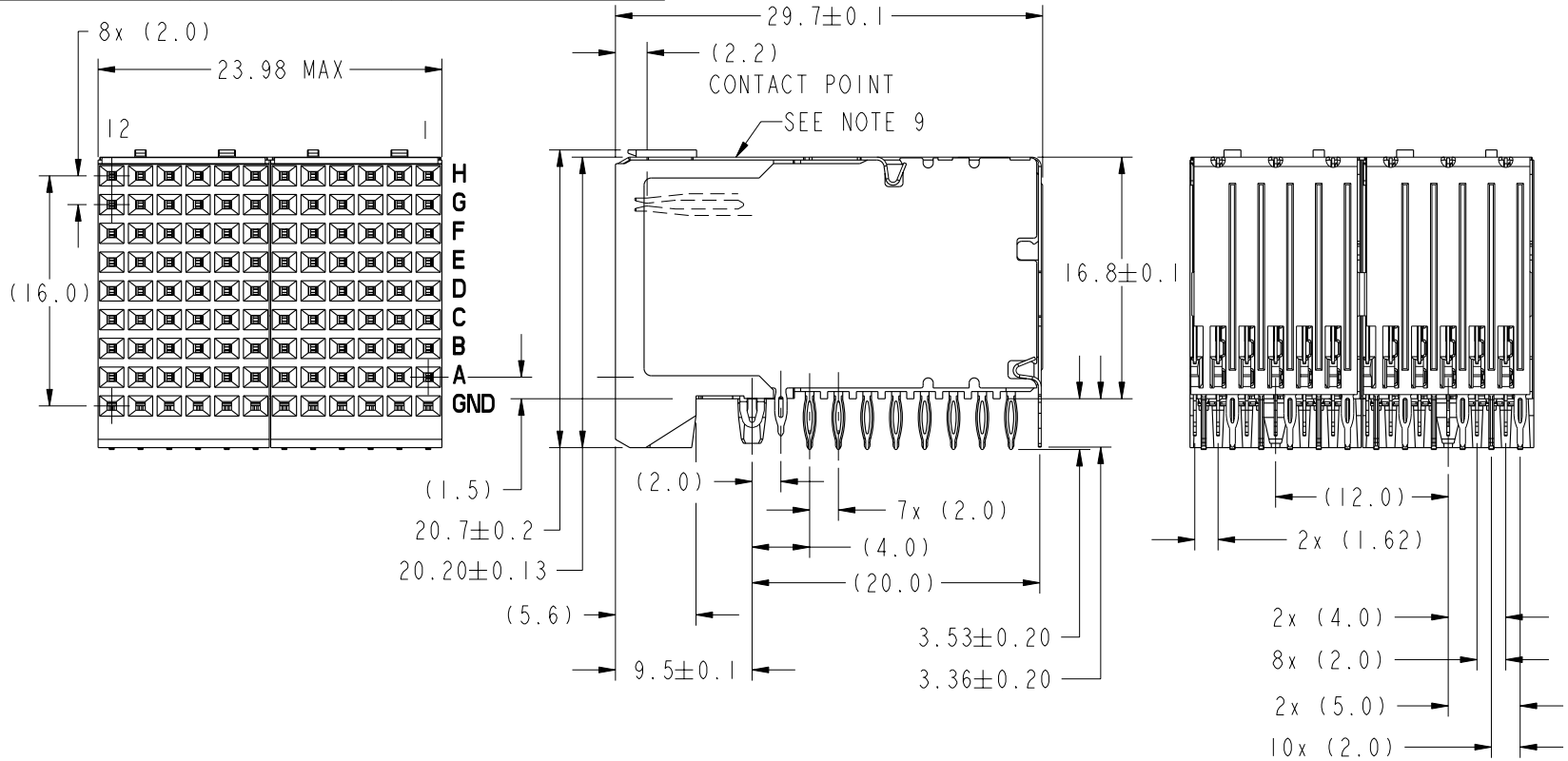




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PRODUCT NO.	PLATING PERFORMANCE LEVEL	APPLICATION
10041744-102	TELCORDIA CO	STANDARD
10041744-102LF		LEAD FREE (NOTE 13)
10041744-302	CUSTOMER SPECIAL	STANDARD
10041744-302LF		LEAD FREE (NOTE 13)
10041744-502	TELCORDIA UE	STANDARD
10041744-502LF		LEAD FREE (NOTE 13)

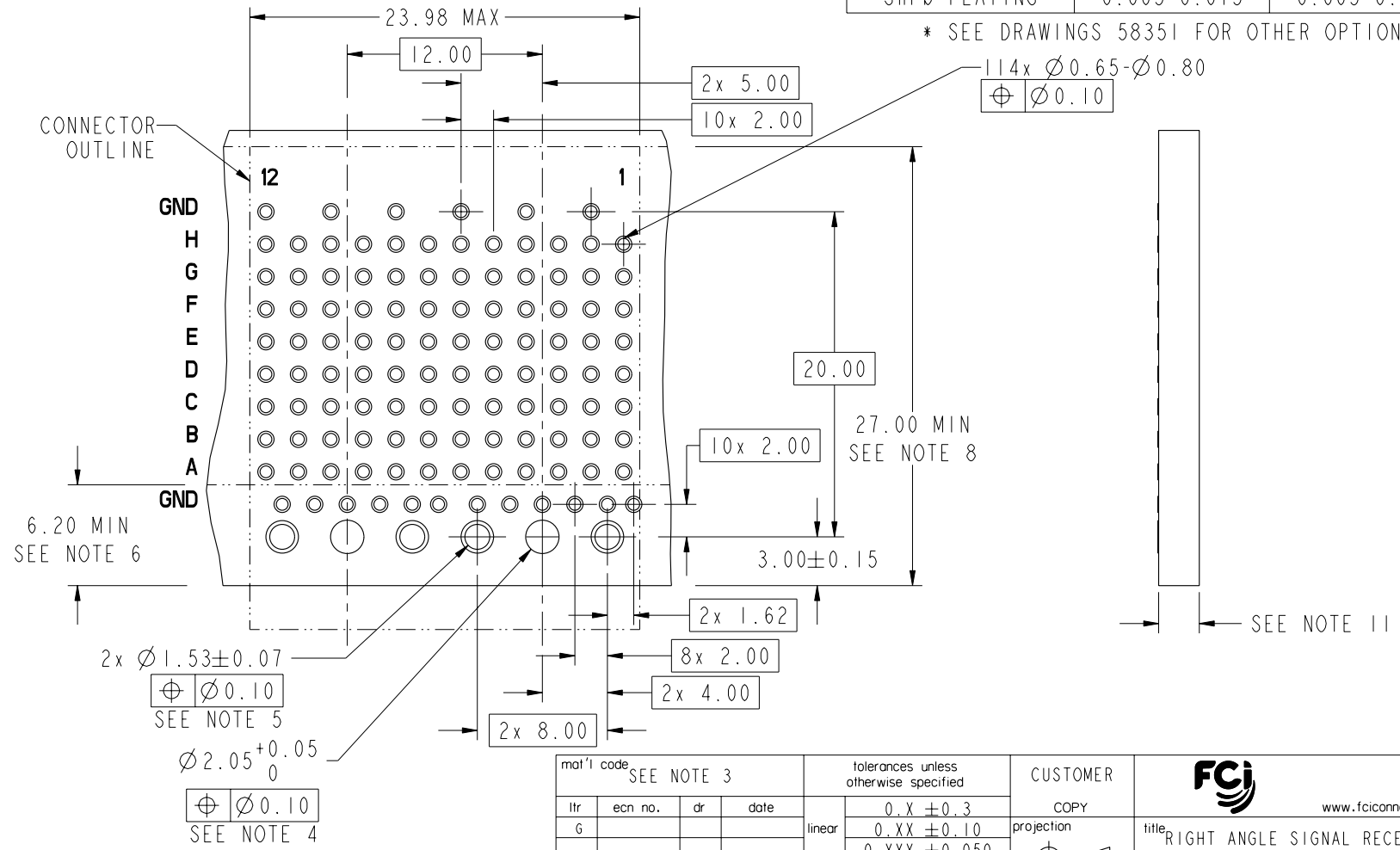


mat'l code SEE NOTE 3				tolerances unless otherwise specified		CUSTOMER	FCI www.fciconnect.com	
ltr	ecn no.	dr	date	linear	0.X ±0.3	COPY	title	
A	V04-0539	TAB	2004-06-02	linear	0.XX ±0.10	projection	RIGHT ANGLE SIGNAL RECEPT. 8 ROW, 96 POSITION	
C	V05-0772	VS	2005-08-29	angles	0.XXX ±0.050	MM	product family	METRAL 1000
D	V06-0573	DCH	2006-06-14	dr	0° ±2°		size	dwg no
E	V07-0317	DCH	2007-04-25	engr		scale	A	10041744
F	V07-0706	HTB	2007-12-10	chr		2:1	sheet	1 of 3
G	V08-0136	HTB	2008-03-19	appd				
sheet index	revision sheet	6 1	6 2	6 3				

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 DRAWINGS 58351 FOR OTHER OPTIONS



RECOMMENDED PCB HOLE PATTERN-COMPONENT SIDE

mat'l code SEE NOTE 3				tolerances unless otherwise specified		CUSTOMER	FCj www.fciconnect.com	
ltr	ecr no.	dr	date	linear	$0.X \pm 0.3$	COPY	title RIGHT ANGLE SIGNAL RECEPT. 8 ROW, 96 POSITION	
G				linear	$0.XX \pm 0.10$	projection		
				angles	$0.XXX \pm 0.050$		product family METRAL 1000 code	
				dr	T. BRUNGARD 2004-06-02	MM	size	213
				enr	J. VOLSTORF 2004-06-02	← MM →	dwg no	sheet
				chr	J. VOLSTORF 2004-06-02	scale	A	2
				appd	J. VOLSTORF 2004-06-02	1:1	10041744	
sheet index	revision sheet						cage code	4
							22526	



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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 ACC. UL94V-0
GROUND SHIELD MATERIAL: COPPER ALLOY
SIGNAL CONTACT MATERIAL: COPPER ALLOY
- 3. PLATING:
ON PRESS-FIT TAIL AREA: SnPb OR Sn ONLY(LF)
ON 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. THE 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



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B

B

mat'l code SEE NOTE 3				tolerances unless otherwise specified		CUSTOMER	FCI www.fciconnect.com		
ltr	ecn no.	dr	date	linear	0.X ±0.3	projection	COPY		
G					0.XX ±0.10		title		RIGHT ANGLE SIGNAL RECEPT. 8 ROW, 96 POSITION
				angles	0.XXX ±0.050	MM	product family		
				0° ±2°	0° ±2°		METRAL 1000	code	213
				dr	T. BRUNGARD 2004-06-02	scale	size	dwg no	
				engr	J. SWAIN 2004-06-02		A	10041744	sheet
				chr	J. VOLSTORF 2004-06-02		1:1		3
				appd	J. VOLSTORF 2004-06-02				
sheet index	revision sheet								