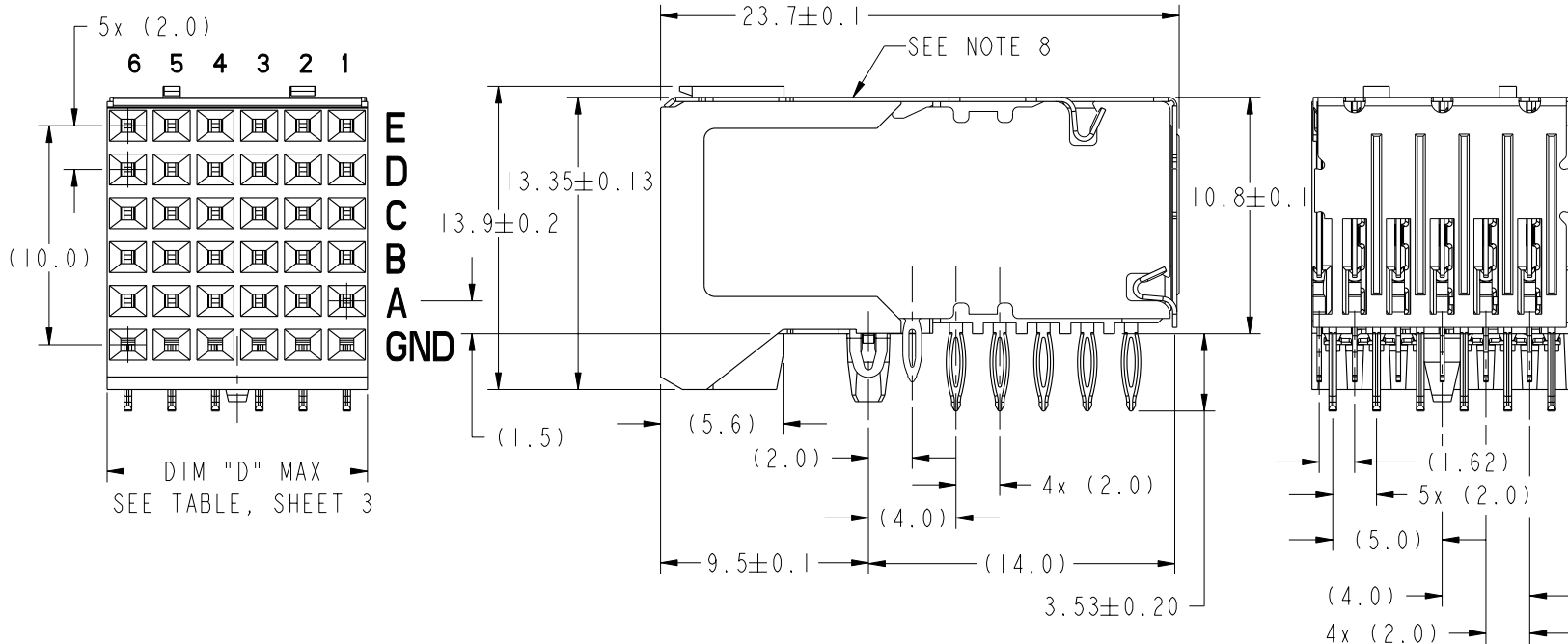


PRODUCT NUMBER
SEE SHEET 3



mat'l code SEE NOTE 2				tolerances unless otherwise specified		CUSTOMER	FCj www.fciconnect.com	
ltr	ecr no.	dr	date	linear	0.X ±0.3	COPY	title RIGHT ANGLE SIGNAL RECEPTACLE 5 ROW MONOBLOCK	
P	V06-0569	DCH	2006-06-12		0.XX ±0.10	projection	product family METRAL 1000 code	
R	V07-0381	DCH	2007-05-31		0.XXX ±0.050		size 213	
S	V07-0353	HTB	2007-06-06	angles	0° ±2°	MM	sheet 1 of 5	
T	V07-0433	DCH	2007-06-27	dr	S. KLINE 2001-07-06	← MM →	product family METRAL 1000 code	
U	V08-0085	HTB	2008-02-18	enrg	W.J. SWAIN 2001-07-06	scale	size 84688	
-	-	-	-	chr	W.J. SWAIN 2001-07-06	3:1	sheet 1 of 5	
N	V05-0870	DAI	2005-09-14	appd	W.J. SWAIN 2001-07-06		code	
sheet	revision	U	U	U	U		cage code	
index	sheet	1	2	3	4	5	22526	

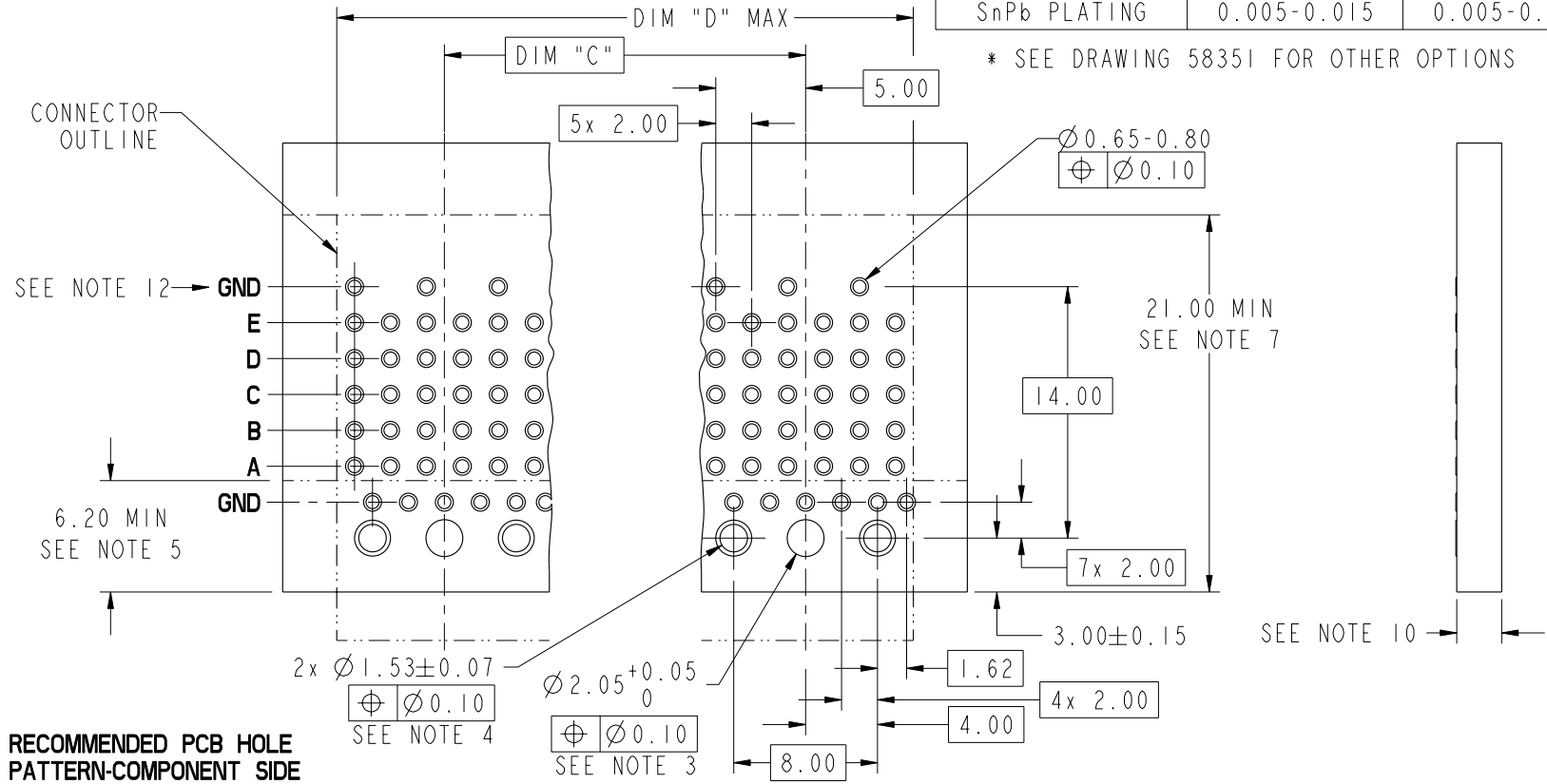
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PRODUCT NUMBER
SEE SHEET 3

PRESS-FIT HOLES

HOLE DIAMETER AFTER PLATING	$\varnothing 0.65 - \varnothing 0.80$ *	$\varnothing 1.53$
DRILLED HOLE	$\varnothing 0.81 - \varnothing 0.86$ ($\varnothing 0.85$ DRILL)	$\varnothing 1.61 - \varnothing 1.66$ ($\varnothing 1.65$ 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	FCI www.fciconnect.com	
ltr	ecr no.	dr	date	linear	0.X ± 0.3	COPY	title RIGHT ANGLE SIGNAL RECEPTACLE 5 ROW MONOBLOCK	
U					0.XX ± 0.10	projection	product family METRAL 1000 code 213	
				angles	0.XXX ± 0.050		size A	
				dr	0° ± 2°	MM	scale 1:1	
				enr	S. KLINE 2001-07-06		84688	
				chr	W. J. SWAIN 2001-07-06		sheet 2	
				appd	W. J. SWAIN 2001-07-06		2	
sheet index	revision sheet						cage code 22526	



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PRODUCT NUMBER	CONTACT PLATING PERFORMANCE LEVEL	PRESS-FIT TAIL PLATING	DIM "C"	DIM "D"
84688-101	TELCORDIA CO	STANDARD (SnPb)	---	11.98
84688-101LF	TELCORDIA CO	LEAD FREE (Sn)	---	11.98
84688-102	TELCORDIA CO	STANDARD (SnPb)	12.00	23.98
84688-102LF	TELCORDIA CO	LEAD FREE (Sn)	12.00	23.98
84688-103	TELCORDIA CO	STANDARD (SnPb)	24.00	35.98
84688-103LF	TELCORDIA CO	LEAD FREE (Sn)	24.00	35.98
84688-104	TELCORDIA CO	STANDARD (SnPb)	36.00	47.98
84688-104LF	TELCORDIA CO	LEAD FREE (Sn)	36.00	47.98
84688-105	TELCORDIA CO	STANDARD (SnPb)	48.00	59.98
84688-105LF	TELCORDIA CO	LEAD FREE (Sn)	48.00	59.98
84688-106	TELCORDIA CO	STANDARD (SnPb)	60.00	71.98
84688-106LF	TELCORDIA CO	LEAD FREE (Sn)	60.00	71.98
84688-108	O B S O L E T E			
84688-108LF	O B S O L E T E			
84688-301	CUSTOMER SPECIAL	STANDARD (SnPb)	---	11.98
84688-301LF	CUSTOMER SPECIAL	LEAD FREE (Sn)	---	11.98
84688-302	CUSTOMER SPECIAL	STANDARD (SnPb)	12.00	23.98
84688-302LF	CUSTOMER SPECIAL	LEAD FREE (Sn)	12.00	23.98
84688-303	CUSTOMER SPECIAL	STANDARD (SnPb)	24.00	35.98
84688-303LF	CUSTOMER SPECIAL	LEAD FREE (Sn)	24.00	35.98
84688-304	CUSTOMER SPECIAL	STANDARD (SnPb)	36.00	47.98
84688-304LF	CUSTOMER SPECIAL	LEAD FREE (Sn)	36.00	47.98
84688-305	CUSTOMER SPECIAL	STANDARD (SnPb)	48.00	59.98
84688-305LF	CUSTOMER SPECIAL	LEAD FREE (Sn)	48.00	59.98
84688-306	CUSTOMER SPECIAL	STANDARD (SnPb)	60.00	71.98
84688-306LF	CUSTOMER SPECIAL	LEAD FREE (Sn)	60.00	71.98
84688-308	O B S O L E T E			
84688-308LF	O B S O L E T E			

PRODUCT NUMBER	CONTACT PLATING PERFORMANCE LEVEL	PRESS-FIT TAIL PLATING	DIM "C"	DIM "D"
84688-901	TELCORDIA CO	STANDARD (SnPb)	---	11.98
84688-901LF	TELCORDIA CO	LEAD FREE (Sn)	---	11.98
84688-901S	CUSTOMER SPECIAL	STANDARD (SnPb)	---	11.98
84688-901SLF	CUSTOMER SPECIAL	LEAD FREE (Sn)	---	11.98
84688-902	TELCORDIA CO	STANDARD (SnPb)	12.00	23.98
84688-902LF	TELCORDIA CO	LEAD FREE (Sn)	12.00	23.98
84688-902S	CUSTOMER SPECIAL	STANDARD (SnPb)	12.00	23.98
84688-902SLF	CUSTOMER SPECIAL	LEAD FREE (Sn)	12.00	23.98
84688-903	TELCORDIA CO	STANDARD (SnPb)	24.00	35.98
84688-903LF	TELCORDIA CO	LEAD FREE (Sn)	24.00	35.98
84688-903S	CUSTOMER SPECIAL	STANDARD (SnPb)	24.00	35.98
84688-903SLF	CUSTOMER SPECIAL	LEAD FREE (Sn)	24.00	35.98
84688-904	TELCORDIA CO	STANDARD (SnPb)	36.00	47.98
84688-904LF	TELCORDIA CO	LEAD FREE (Sn)	36.00	47.98
84688-904S	CUSTOMER SPECIAL	STANDARD (SnPb)	36.00	47.98
84688-904SLF	CUSTOMER SPECIAL	LEAD FREE (Sn)	36.00	47.98
84688-905	TELCORDIA CO	STANDARD (SnPb)	48.00	59.98
84688-905LF	TELCORDIA CO	LEAD FREE (Sn)	48.00	59.98
84688-905S	CUSTOMER SPECIAL	STANDARD (SnPb)	48.00	59.98
84688-905SLF	CUSTOMER SPECIAL	LEAD FREE (Sn)	48.00	59.98
84688-906	TELCORDIA CO	STANDARD (SnPb)	60.00	71.98
84688-906LF	TELCORDIA CO	LEAD FREE (Sn)	60.00	71.98
84688-906S	CUSTOMER SPECIAL	STANDARD (SnPb)	60.00	71.98
84688-906SLF	CUSTOMER SPECIAL	LEAD FREE (Sn)	60.00	71.98
84688-908	O B S O L E T E			
84688-908LF	O B S O L E T E			

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 5 ROW MONOBLOCK	
U					0.XX ±0.10	projection		
					0.XXX ±0.050			
				angles	0° ±2°		product family METRAL 1000	
				dr	S. KLINE 2001-07-06	MM	code 213	
				enrg	W. J. SWAIN 2001-07-06	← MM →	sheet 3	
				chr	W. J. SWAIN 2001-07-06	scale 3:1	size 84688	
				appd	W. J. SWAIN 2001-07-06	A	3	
sheet index	revision sheet							

PRODUCT NUMBER
SEE SHEET 3

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. Ø2.05 HOLE IS UNPLATED
- 4. Ø1.53 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 µm Ni MIN
- 7. COMPONENT KEEP OUT ZONE FOR PRESS BLOCK CLEARANCE
- 8. PRODUCT MARKING: PRODUCT CODE, 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.
- 12. 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.
- 13. 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


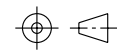

A



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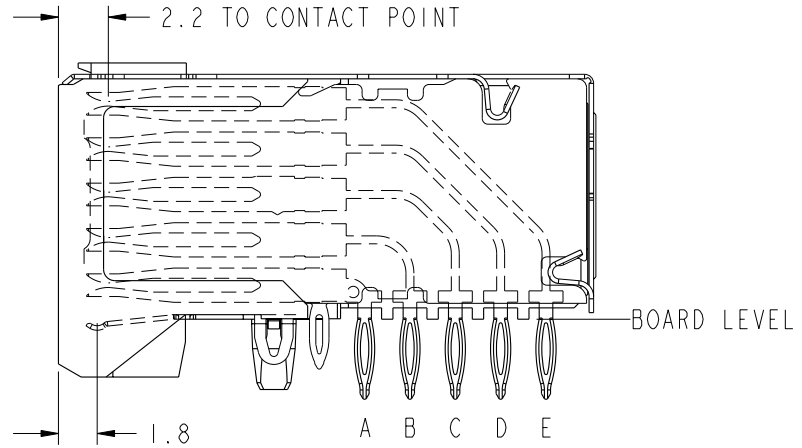
B

B

mat'l code SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com			
ltr	ecn no.	dr	date	linear	0.X ±0.3	COPY			
U				linear	0.XX ±0.10	projection	 title RIGHT ANGLE SIGNAL RECEPTACLE 5 ROW MONOBLOCK		
				angles	0.XXX ±0.050	 product family METRAL 1000 code			
				dr	0° ±2°			size	213
				enr	S. KLINE 2001-07-06	scale 1:1 A	dwg no	4	
				chr	W. J. SWAIN 2001-07-06		84688	sheet	4
				appd	W. J. SWAIN 2001-07-06				
sheet index	revision sheet								

PRODUCT NUMBER
SEE SHEET 3

DISTANCE FROM CONTACT POINT TO BOARD	
CONTACT	DISTANCE
A	12.5
B	16.2
C	19.5
D	22.3
E	25.2



CONTACT POINT AND SKEW

mat'l code SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		FCj www.fciconnect.com	
ltr	ecr no.	dr	date	linear	0.X ±0.3	COPY	
U				linear	0.XX ±0.10	projection	
				angles	0.XXX ±0.050		
				angles	0° ±2°		
		dr	S. KLINE	2001-07-06	MM	product family	METRAL 1000
		enr	W. J. SWAIN	2001-07-06	← MM →	code	213
		chr	W. J. SWAIN	2001-07-06	scale	size	dwg no
		appd	W. J. SWAIN	2001-07-06	3:1	A	84688
sheet index	revision sheet						sheet
							5

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