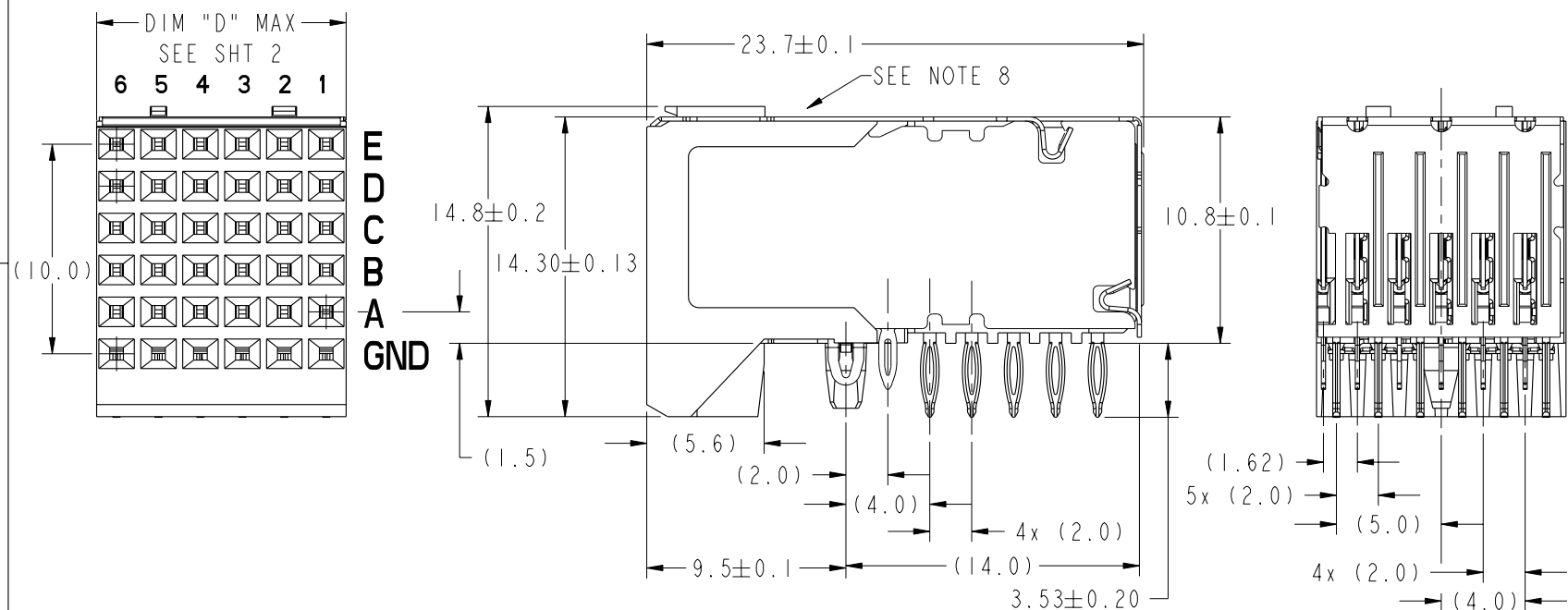




PRODUCT NUMBER SEE NOTE 13	CONTACT PLATING PERFORMANCE LEVEL	PRESS-FIT TAIL PLATING	DIM "C"	DIM "D"
84854-101	TELCORDIA CO	SnPb	--	11.98
84854-101LF		Sn		
84854-102		SnPb	12.00	23.98
84854-102LF		Sn		
84854-103		SnPb	24.00	35.98
84854-103LF		Sn		
84854-104		SnPb	36.00	47.98
84854-104LF		Sn		
84854-105		SnPb	48.00	59.98
84854-105LF		Sn		
84854-106		SnPb	60.00	71.98
84854-106LF		Sn		



mat'l code SEE NOTE 2				tolerances unless otherwise specified		CUSTOMER		FCI	
ltr	ecn no.	dr	date	linear	0.X ±0.3	COPY	projection	www.fciconnect.com	
N	V06-0569	DCH	2006-06-12		0.XX ±0.10				
P	V07-0353	HTB	2007-06-05		0.XXX ±0.050				
R	V07-0434	DCH	2007-06-28	angles	0° ±2°	MM	scale	product family METRAL 1000 code	
S	V08-0085	HTB	2008-02-19	dr	S. KLINE	2001-07-10			
-	-	-	-	enrg	W.J. SWAIN	2001-07-10			
L	V04-0240	TAB	2004-07-06	chr	W.J. SWAIN	2001-07-10	A	size	
M	V05-0772	VS	2005-08-24	appd	W.J. SWAIN	2001-07-10			
sheet	revision	S	S	S	S			cage code	
index	sheet	1	2	3	4				

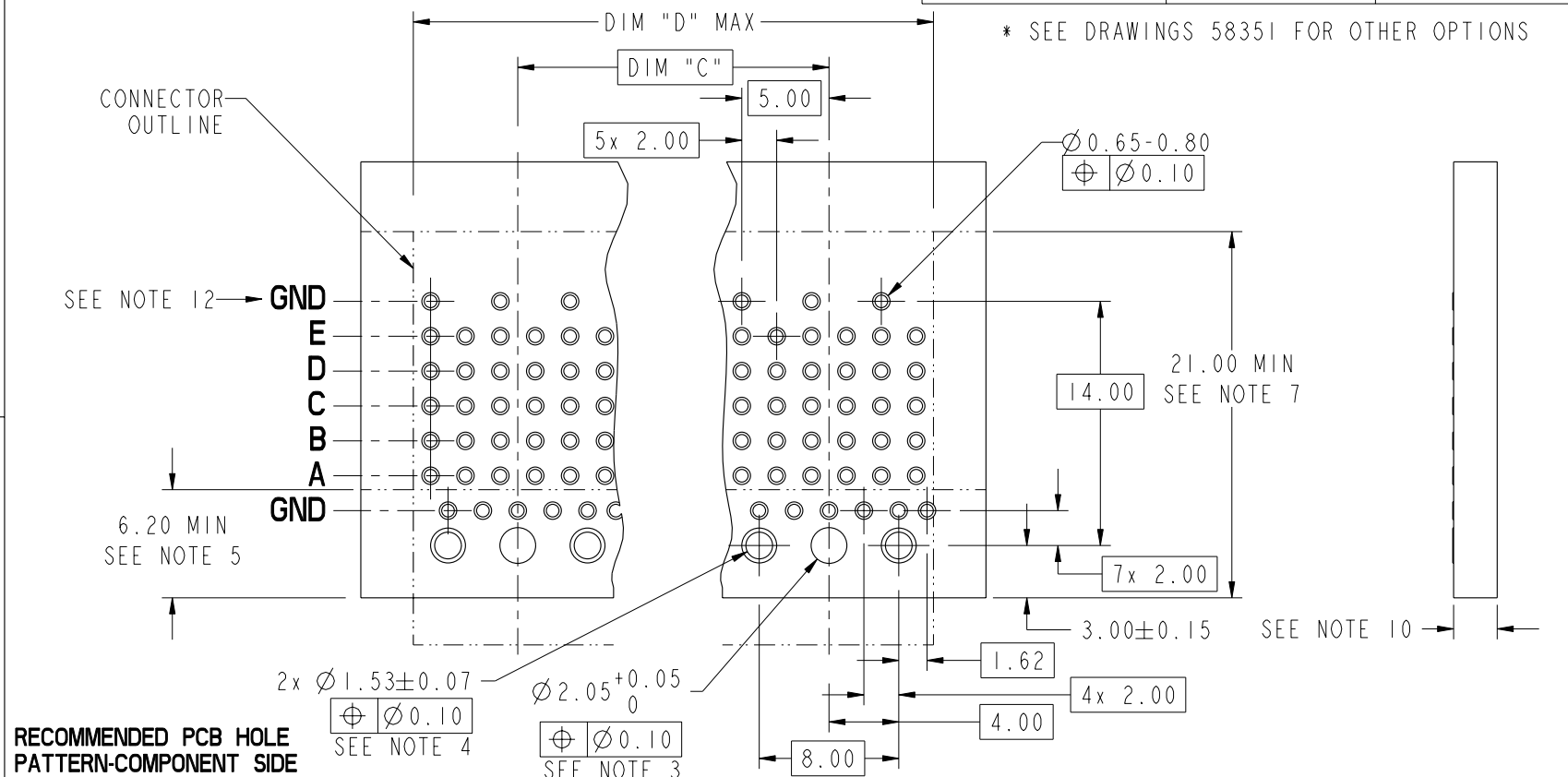


PRODUCT NUMBER
SEE SHEET 1

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 2				tolerances unless otherwise specified			CUSTOMER		 www.fciconnect.com	
ltr	ecr no.	dr	date	linear	0.X ±0.3		COPY			
S					0.XX ±0.10		projection		 title RIGHT ANGLE SIGNAL RECEPTACLE 5 ROW MONOBLOCK FOR 3.4 PCB	
				angles	0.XXX ±0.050					
					0° ±2°				product family METRAL 1000 code size dwg no 213 A 84854 sheet 2	
				dr	S. KLINE 2001-07-10		MM			
				enr	W. J. SWAIN 2001-07-10		scale		cage code 22526	
				chr	W. J. SWAIN 2001-07-10		1:1			
				appd	W. J. SWAIN 2001-07-10				sheet index revision sheet	

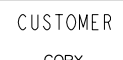
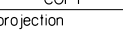


PRODUCT NUMBER
SEE SHEET 1

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 3.4mm.
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.

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			 title RIGHT ANGLE SIGNAL RECEPTACLE 5 ROW MONOBLOCK FOR 3.4 PCB					
S					0. XX ± 0.10			projection								
					0. XXX ± 0.050											
				angles	0° ± 2°						product family METRAL 1000 code 213 sheet 3					
				dr	S. KLINE	2001-07-10	MM									
				enr	W. J. SWAIN	2001-07-10	scale									
				chr	W. J. SWAIN	2001-07-10	size									
				appd	W. J. SWAIN	2001-07-10	dwg no									
sheet index		revision sheet								A	84854					

RIGHT ANGLE SIGNAL RECEPTACLE
5 ROW MONOBLOCK FOR 3.4 PCB

product family METRAL 1000 code 213
size dwg no 84854 sheet 3

cage code 22526

Pro/E

3

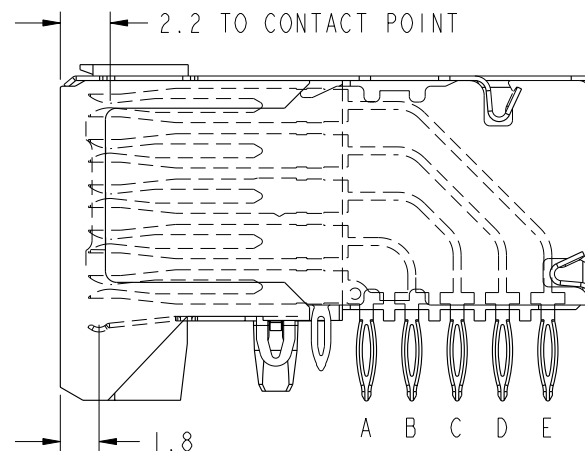
PDM: Rev:S

STATUS: Released

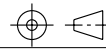
Printed: Nov 16, 2011

PRODUCT NUMBER
SEE SHEET 1

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		 www.fciconnect.com			
ltr	ecr no.	dr	date	linear	0. X ±0.3		COPY		title RIGHT ANGLE SIGNAL RECEPTACL 5 ROW MONOBLOCK FOR 3.4 PCB			
S					0. XX ±0.10		projection 					
					0. XXX ±0.050							
				angles	0° ±2°							
		dr			S. KLINE	2001-07-10	MM  scale 3:1	product family		METRAL 1000	code	
		enrg			W. J. SWAIN	2001-07-10		size	dwg no	84854	213	
		chr			W. J. SWAIN	2001-07-10					sheet	
		appd			W. J. SWAIN	2001-07-10					4	
sheet index		revision sheet										

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