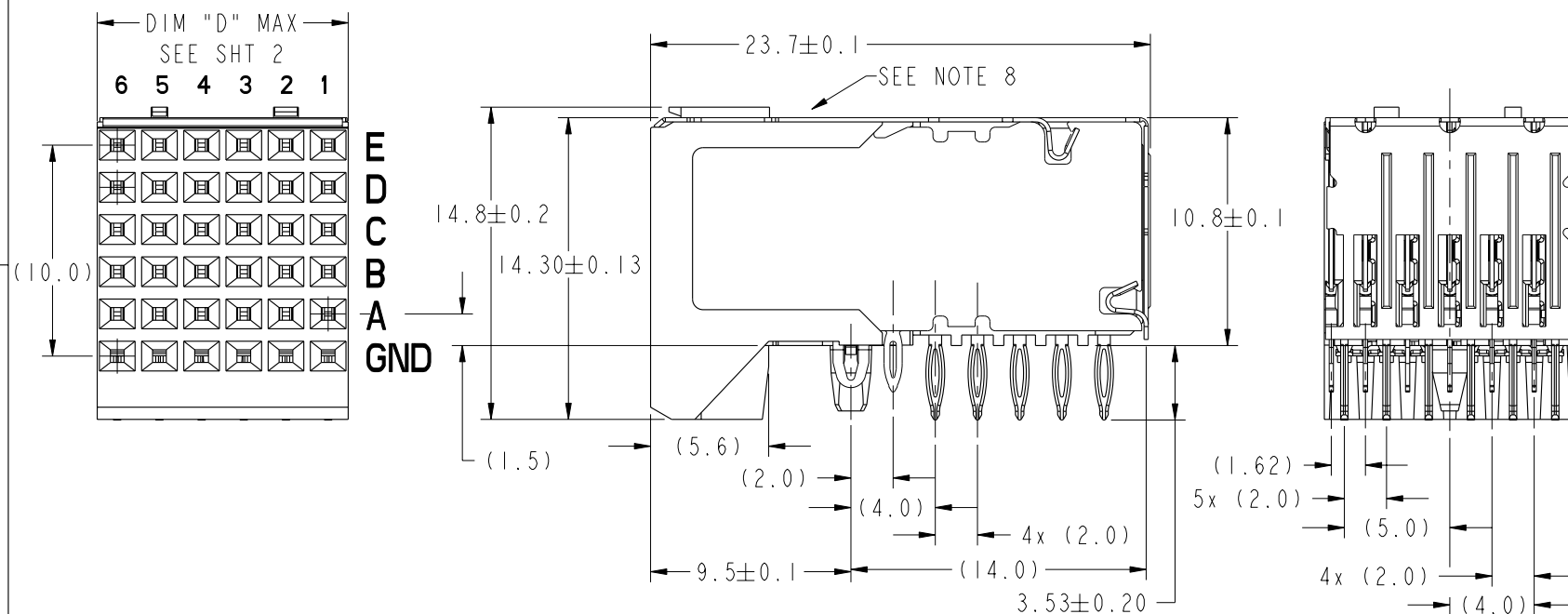




PRODUCT NUMBER SEE NOTE 13	CONTACT PLATING PERFORMANCE LEVEL	PRESS-FIT TAIL PLATING	DIM "C"	DIM "D"
84854-101	TELCORDIA CO	SnPb	--	11.98
84854-101LF		Sn		
84854-102		SnPb	12.00	23.98
84854-102LF		Sn		
84854-103		SnPb	24.00	35.98
84854-103LF		Sn		
84854-104		SnPb	36.00	47.98
84854-104LF		Sn		
84854-105		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	ecr no.	dr	date	linear	0.X ±0.3	COPY		www.fciconnect.com	
N	V06-0569	DCH	2006-06-12	linear	0.XX ±0.10	projection		title	
P	V07-0353	HTB	2007-06-05	linear	0.XXX ±0.050	MM		RIGHT ANGLE SIGNAL RECEPTACLE	
R	V07-0434	DCH	2007-06-28	angles	0° ±2°	scale		5 ROW MONOBLOCK FOR 3.4 PCB	
S	V08-0085	HTB	2008-02-19	dr	S. KLINE 2001-07-10	3:1		product family METRAL 1000	
-	-	-	-	enrg	W.J. SWAIN 2001-07-10	A		code 213	
L	V04-0240	TAB	2004-07-06	chr	W.J. SWAIN 2001-07-10	size		84854	
M	V05-0772	VS	2005-08-24	appd	W.J. SWAIN 2001-07-10	sheet		1 of 4	
sheet index	revision sheet	S	S	S	S	cage code		22526	
		1	2	3	4				

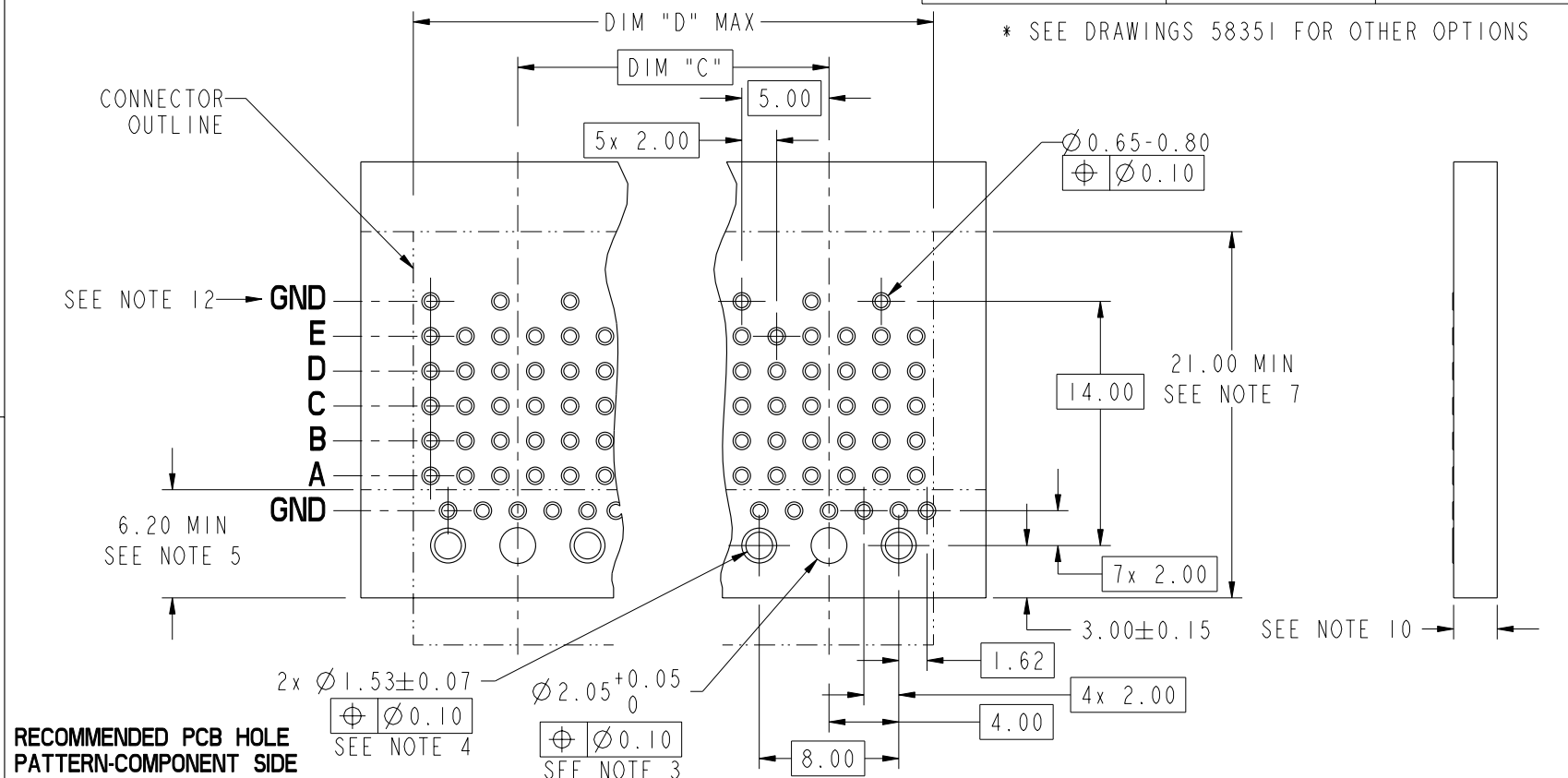


PRODUCT NUMBER
SEE SHEET 1

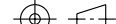

PRESS-FIT HOLES

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		FCi 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 1 : 1		product family				METRAL 1000		code	213 sheet 2	
		enr		W. J. SWAIN	2001-07-10				size		dwg no						
		chr		W. J. SWAIN	2001-07-10				A		84854						
		appd		W. J. SWAIN	2001-07-10												
sheet index		revision sheet															

Pro/E

cage code 22526

PDM: Rev:S

STATUS Released

Printed: Jul 17, 2008

PRODUCT NUMBER

SEE SHEET 1


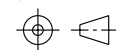
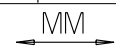
NOTES

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 $1.3 \mu\text{m Ni MIN.}$

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.

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.

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 	title RIGHT ANGLE SIGNAL RECEPTACLE 5 ROW MONOBLOCK FOR 3.4 PCB				
S					0. XX ± 0.10							
					0. XXX ± 0.050							
				angles	0° ± 2°		MM  scale 1 : 1	product family METRAL 1000	size dwg no 84854	code 213 sheet 3		
				dr	S. KLINE	2001-07-10						
				enrg	W. J. SWAIN	2001-07-10						
				chr	W. J. SWAIN	2001-07-10						
				appd	W. J. SWAIN	2001-07-10						
sheet index		revision sheet										

 title
 RIGHT ANGLE SIGNAL RECEPTACLE
 5 ROW MONOBLOCK FOR 3.4 PCB

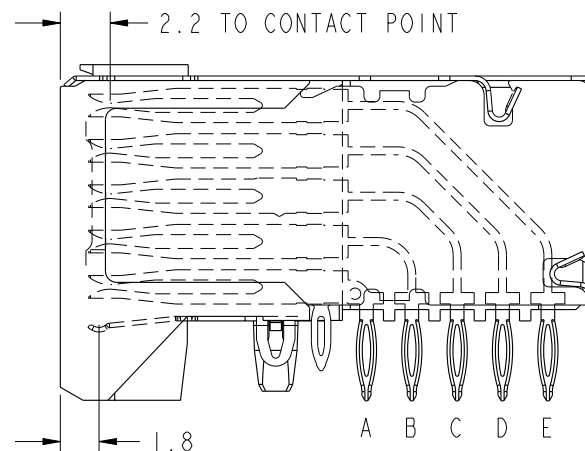
 product family METRAL 1000 code 213
 size dwg no 84854 sheet 3

cage code 22526


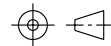

4

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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