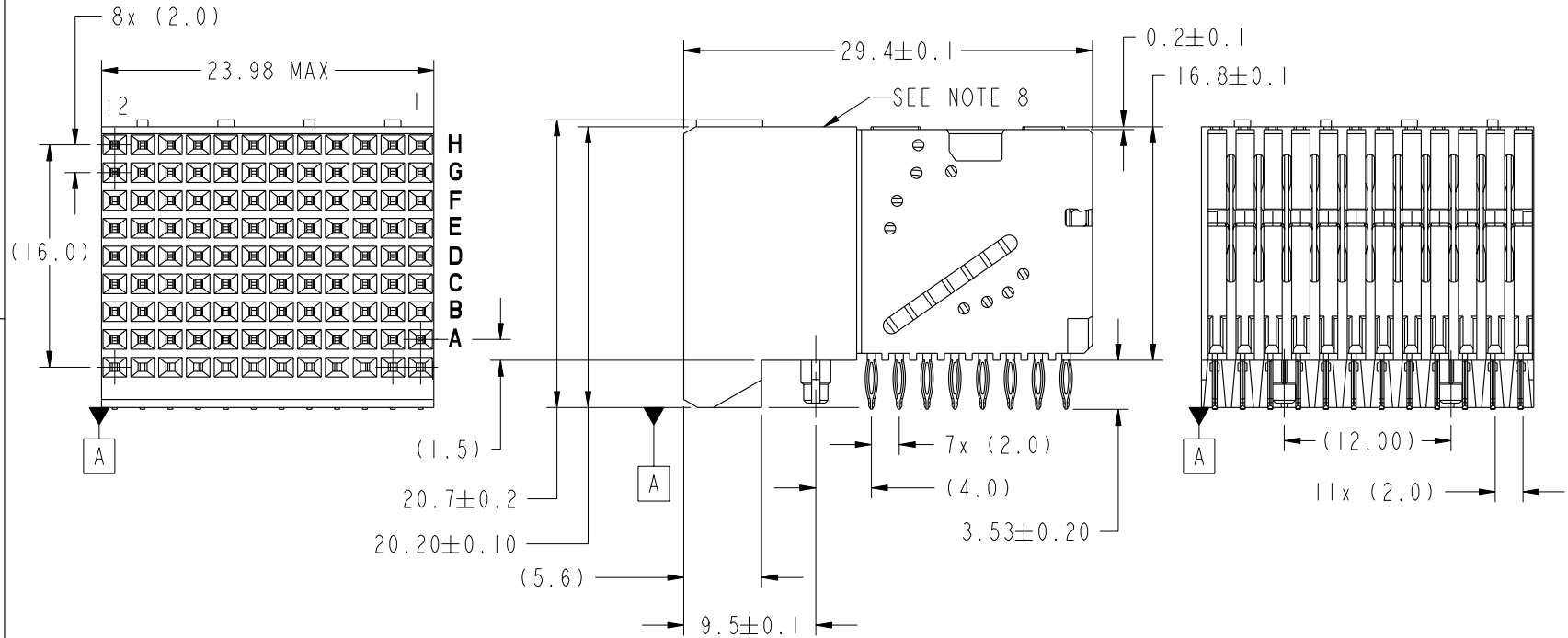




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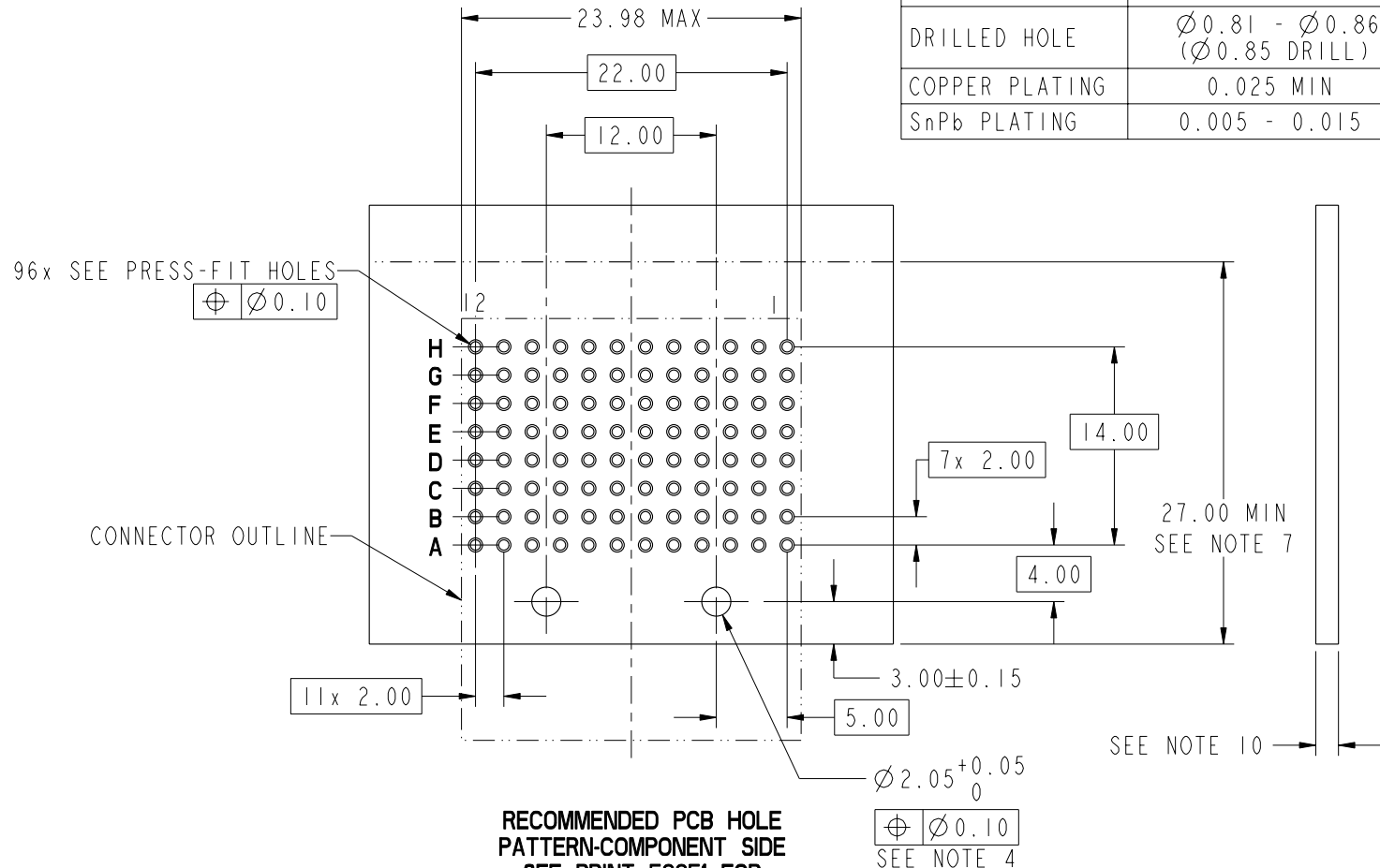
PRODUCT NO.	CONTACT PLATING PERFORMANCE LEVEL	PRESS-FIT TAIL PLATING
74770-102	TELCORDIA CO	STANDARD (SnPb)
74770-102LF		LEAD FREE (Sn)
74770-502	TELCORDIA UE	STANDARD (SnPb)
74770-502LF		LEAD FREE (Sn)



mat'l code SEE NOTE 2				tolerances unless otherwise specified		CUSTOMER	FCI www.fciconnect.com	
ltr	ecm no.	dr	date	linear	0.X ±0.3	COPY	title <b>RIGHT ANGLE SIGNAL RECEPTACLE</b> 8 ROW, 96 POSITION product family METRAL code size dwg no 213 A 74770 sheet 1 of 4	
L	V06-0544	DCH	2006-06-09		0.XX ±0.13	projection		
M	V07-0318	DCH	2007-04-25		.XXX ±0.051			
N	V08-0078	HTB	2008-02-15	angles	0° ±2°			
-	-	-	-	dr	S. KLINE 2000-04-02	 MM scale 2:1	code	
H	V20902	TAB	2002-05-09	engr	M. HAHN 2000-04-02		213	
J	V04-0599	TAB	2004-06-30	chr	S. STONER 2000-09-01	sheet		
K	V05-0958	LP	2005-11-17	appd	M. HAHN 2000-09-01	1 of 4		
sheet index	revision sheet	N 1	N 2	N 3	N 4			

PRODUCT NUMBER  
SEE SHEET 1

PRESS-FIT HOLES	OPTION 1
HOLE DIAMETER AFTER PLATING	Ø0.65 - Ø0.80
DRILLED HOLE	Ø0.81 - Ø0.86 (Ø0.85 DRILL)
COPPER PLATING	0.025 MIN
SnPb PLATING	0.005 - 0.015



RECOMMENDED PCB HOLE  
PATTERN-COMPONENT SIDE  
SEE PRINT 58351 FOR  
ADDITIONAL PCB INFORMATION

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 8 ROW, 96 POSITION	
N					0.XX ±0.13	projection			
				angles	.XXX ±0.051				
				dr	S. KLINE 2000-04-02	MM		product family	METRAL
				engr	M. HAHN 2000-04-02	← MM →		code	213
				chr	S. STONER 2000-09-01	scale		size	dwg no
				appd	M. HAHN 2000-09-01	1:1		A	74770
sheet index	revision sheet								sheet 2

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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 PER UL94V-0  
SIGNAL CONTACT MATERIAL: COPPER ALLOY
- 3. PLATING:  
PRESS-FIT TAIL AREA: SnPb ON STANDARD, Sn ON LEAD FREE  
MATING CONTACT POINTS: MEETS PERFORMANCE LEVEL SHOWN ON SHEET 1
- 4. Ø2.05 HOLE IS UNPLATED
- 5. SEE PRODUCT SPECIFICATION GS-12-134 FOR PRODUCT PERFORMANCE CHARACTERISTICS.
- 6. UNDERPLATING FOR SIGNAL CONTACTS IS 1.3 µm Ni MIN
- 7. COMPONENT KEEP OUT ZONE FOR PRESS BLOCK CLEARANCE.
- 8. PRODUCT MARKING: DATE AND LOT CODE
- 9. SEE GS-20-018 FOR APPLICATION OF CONNECTOR TO PCB.
- 10. PCB THICKNESS RANGE: 1.3mm TO 3.4mm
- 11. PRODUCTS WHERE THE PART NUMBERS ENDS IN LF MEET EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.  
ALL PRODUCTS WILL WITHSTAND EXPOSURE TO 260° C FOR 60 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN.

A

A



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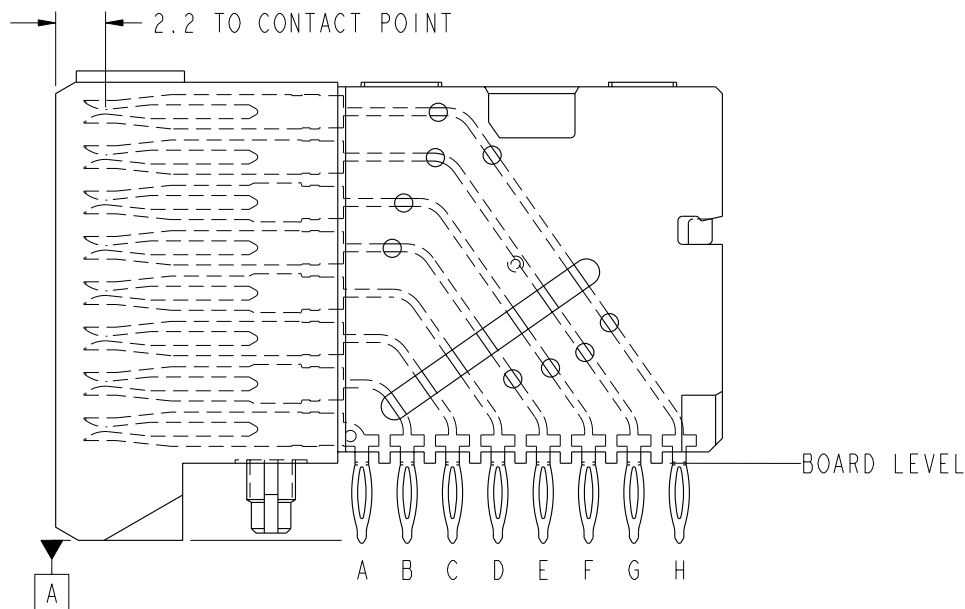
B

B

mat'l code SEE NOTE 2				tolerances unless otherwise specified		CUSTOMER		FCI www.fciconnect.com	
ltr	ecr no.	dr	date	linear	0.X ±0.3		COPY		title RIGHT ANGLE SIGNAL RECEPTACLE 8 ROW, 96 POSITION
N					0.XX ±0.13		projection		
					.XXX ±0.051				
				angles	0° ±2°				product family METRAL code 213 sheet 3
				dr	S. KLINE	2000-04-02	MM		
				enr	M. HAHN	2000-04-02	← MM →		
				chr	S. STONER	2000-09-01	scale		
				appd	M. HAHN	2000-09-01	2:1		
sheet index	revision sheet								product size A 74770


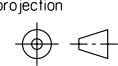

PRODUCT NUMBER  
SEE SHEET 1

DISTANCE FROM CONTACT POINT TO BOARD	
CONTACT	DISTANCE
A	12.5
B	15.9
C	18.9
D	21.9
E	25.0
F	28.0
G	31.1
H	34.1



CONTACT POINT AND SKEW

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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 8 ROW, 96 POSITION	product family METRAL	code 213			
N					0.XX ±0.13	projection					size A	dwg no 74770	sheet 4
					.XXX ±0.051	 scale 3:1							
				angles	0° ±2°								
				dr	S. KLINE	2000-04-02							
				engr	M. HAHN	2000-04-02							
				chr	S. STONER	2000-09-01							
				appd	M. HAHN	2000-09-01							
sheet index	revision sheet												