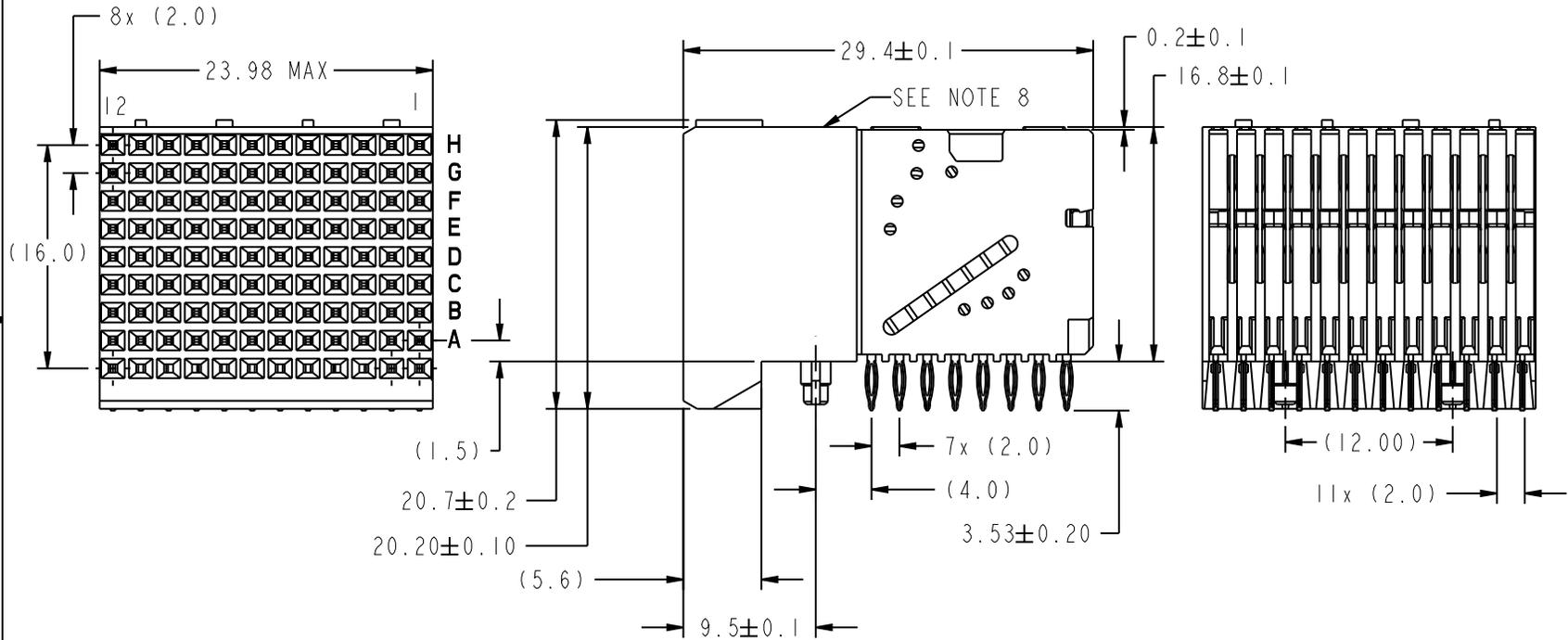


PRODUCT NO.	CONTACT PLATING PERFORMANCE LEVEL	PRESS-FIT TAIL PLATING
74770-102	TELCORDIA CO	STANDARD (SnPb)
74770-102LF		LEAD FREE (Sn)
74770-302	TELCORDIA UE	STANDARD (SnPb)
74770-302LF		LEAD FREE (Sn)



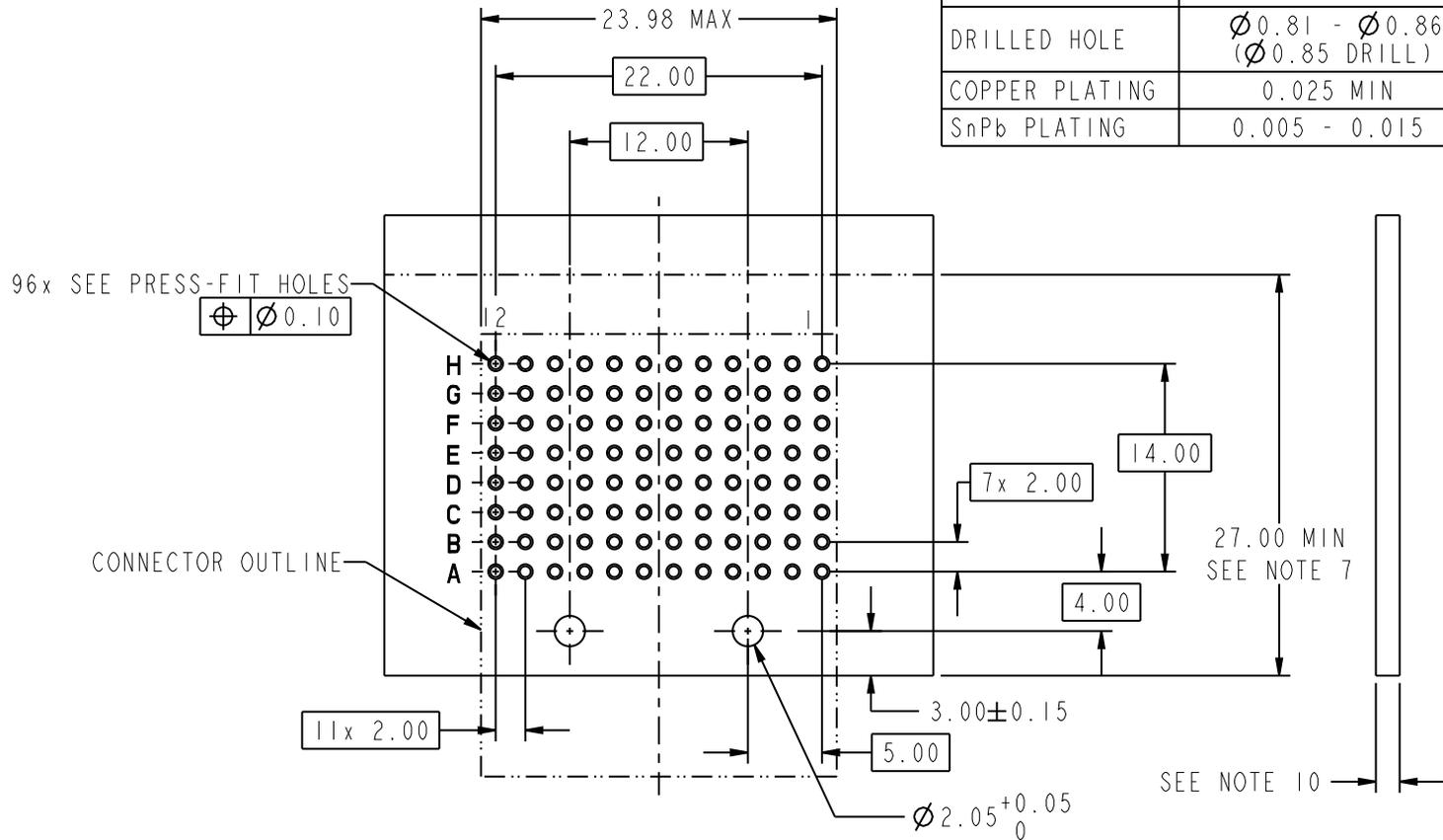
mat'l code SEE NOTE 2				tolerances unless otherwise specified		CUSTOMER	FCJ www.fciconnect.com	
ltr	ecm no.	dr	date	linear	0.X ± 0.3	COPY	projection	
L	V06-0544	DCH	2006-06-09		0.XX ± 0.13		title RIGHT ANGLE SIGNAL RECEPTACLE 8 ROW, 96 POSITION	
M	V07-0318	DCH	2007-04-25	angles	.XXX ± 0.051		product family METRAL code	
N	V08-0078	HTB	2008-02-15		0° ± 2°		size	dwg no
P	109-0259	RKV	2009-11-13	dr	S. KLINE 2000-04-02	MM	A	213
H	V20902	TAB	2002-05-09	engr	M. HAHN 2000-04-02	scale	sheet	
J	V04-0599	TAB	2004-06-30	chr	RAJKRISHNAN.V 2009-11-13	2:1	1 of 4	
K	V05-0958	LP	2005-11-17	appd	BIJU K PAUL 2009-11-13			
sheet	revision	N	N	N	N			
index	sheet	1	2	3	4			



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PRODUCT NUMBER  
SEE SHEET 1

PRESS-FIT HOLES	OPTION 1
HOLE DIAMETER AFTER PLATING	Ø 0.65 - Ø 0.80
DRILLED HOLE	Ø 0.81 - Ø 0.86 (Ø 0.85 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

Ø 2.05<sup>+0.05</sup><sub>0</sub>  
SEE NOTE 4

mat'l code SEE NOTE 2				tolerances unless otherwise specified		CUSTOMER	FCJ www.fciconnect.com	
ltr	ecn no.	dr	date	linear	0.X ± 0.3	COPY	title RIGHT ANGLE SIGNAL RECEPTACLE 8 ROW, 96 POSITION	
P					0.XX ± 0.13	projection	product family METRAL code 213	
				angles	.XXX ± 0.051		size 74770 sheet 2	
				dr	0° ± 2°	MM	scale A	
				enr	S. KLINE 2000-04-02		cage code 22526	
				chr	M. HAHN 2000-04-02			
				appd	RAJKRISHNAN.V 2009-11-13			
					BIJU K PAUL 2009-11-13			
sheet index	revision sheet							

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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.

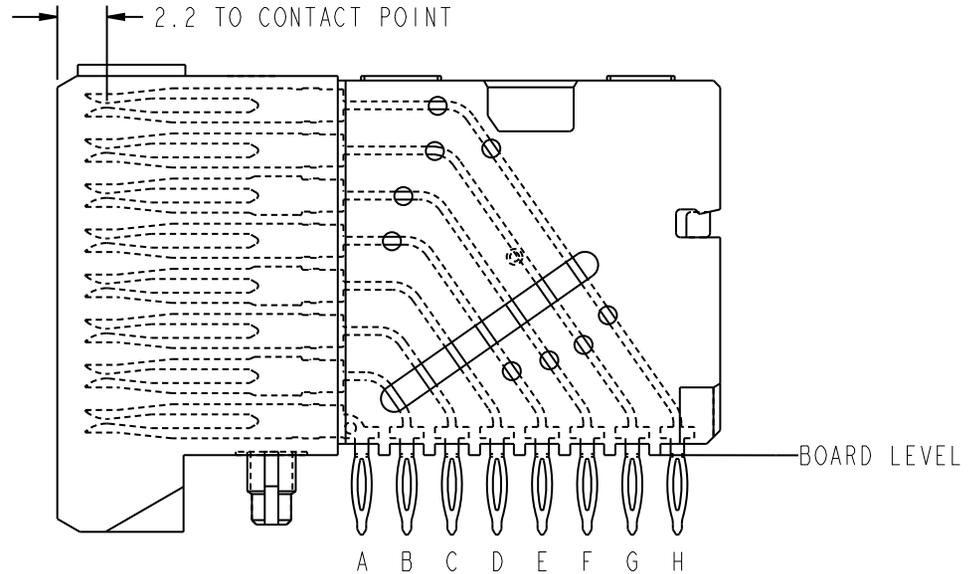


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mat'l code SEE NOTE 2				tolerances unless otherwise specified		CUSTOMER		FCI www.fciconnect.com	
ltr	ecr no.	dr	date	linear	0.X ±0.3	COPY		title RIGHT ANGLE SIGNAL RECEPTACLE 8 ROW, 96 POSITION	
P					0.XX ±0.13	projection			
					.XXX ±0.051				
				angles	0° ±2°				
				dr	S. KLINE	2000-04-02	MM		product family
				enrg	M. HAHN	2000-04-02	← MM →		METRAL
				chr	RAJKRISHNAN.V	2009-11-13	scale		code
				appd	BIJU K PAUL	2009-11-13	2:1		213
sheet	revision						A		74770
index	sheet								3

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

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	
P				linear	0.XX ±0.13	projection	
				angles	.XXX ±0.051		
				dr	0° ±2°		
				enr	S. KLINE 2000-04-02	product family METRAL code	
				chr	M. HAHN 2000-04-02	size	
				appd	RAJKRISHNAN.V 2009-11-13	dwg no	
					BIJU K PAUL 2009-11-13	A 74770	
sheet index	revision sheet					code 213 sheet 4	

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