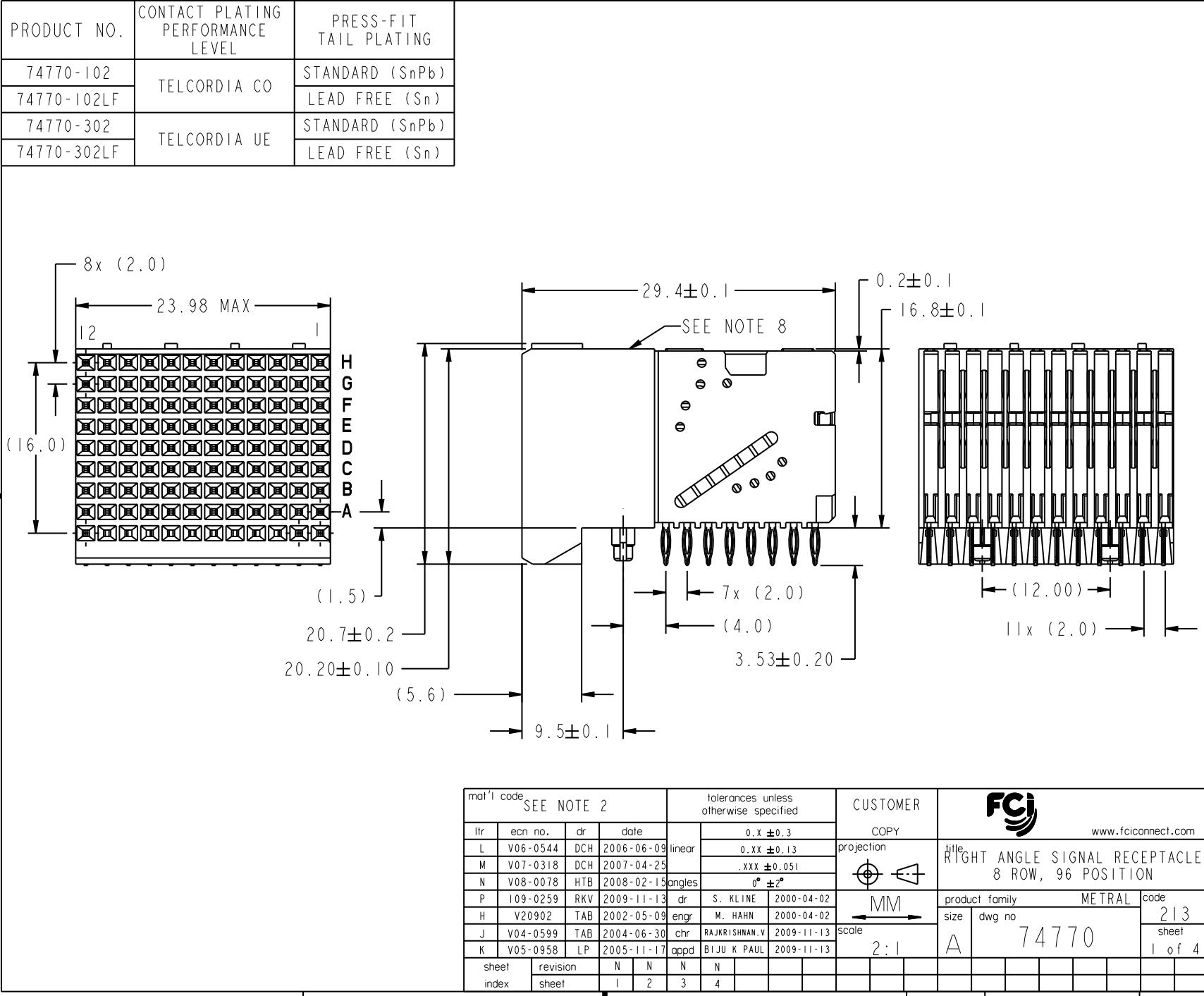


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PRODUCT NUMBER
SEE SHEET 1

PRESS-FIT HOLES	OPTION 1
HOLE DIAMETER AFTER PLATING	ϕ 0.65 - ϕ 0.80
DRILLED HOLE	ϕ 0.81 - ϕ 0.86 (ϕ 0.85 DRILL)
COPPER PLATING	0.025 MIN
SnPb PLATING	0.005 - 0.015

Diagram illustrating three horizontal lines with arrows and numerical values:

- The top line is labeled **23.98 MAX**.
- The middle line is labeled **22.00**.
- The bottom line is labeled **12.00**.

96x SEE PRESS-FIT H

CONNECTOR OUT

27.00 MIN
SEE NOTE

|| x 2.

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

Ø 0.10
SEE NOTE 4

mat'l code SEE NOTE 2				tolerances unless otherwise specified		CUSTOMER		www.fciconnect.com
litr	ecn no.	dr	date	linear	0. X \pm 0.3 0. XX \pm 0.13 . XXX \pm 0.051			
				angles	0° \pm 2°		product family METRAL	code 213
				dr	S. KLINE 2000-04-02			
				engr	M. HAHN 2000-04-02	sheet 2		
				chr	RAJKRISHNAN.V 2009-11-13		oppd BIJU K PAUL 2009-11-13	
sheet	revision							
index	sheet							

PRODUCT NUMBER	SEE SHEET 1
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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. $\emptyset 2.05$ HOLE IS UNPLATED
5. SEE PRODUCT SPECIFICATION GS-12-134 FOR PRODUCT PERFORMANCE CHARACTERISTICS.
6. UNDERPLATING FOR SIGNAL CONTACTS IS $1.3 \mu\text{m}$ 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.

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

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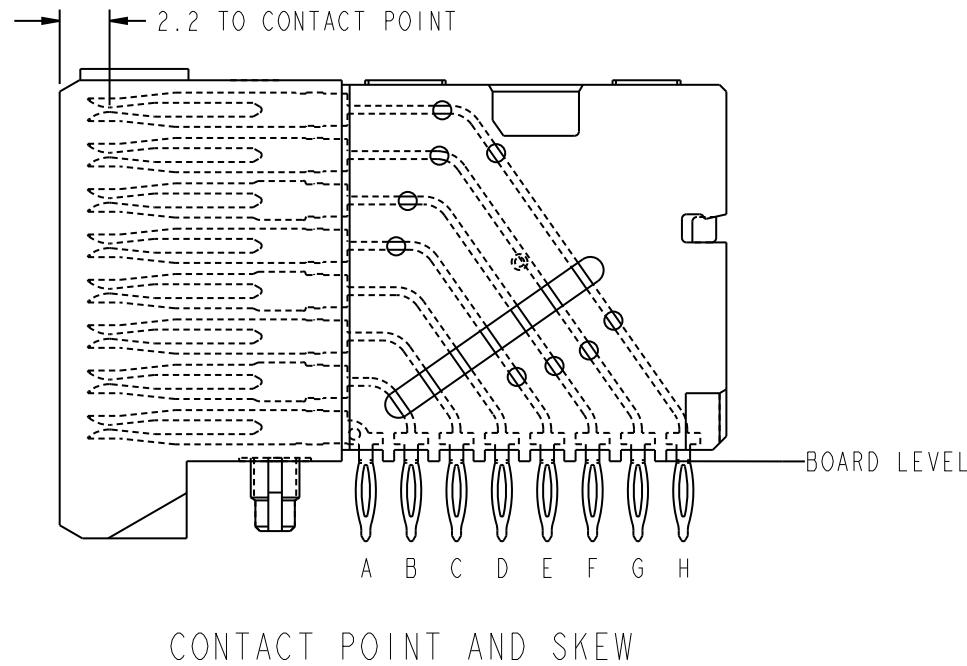
PRODUCT NUMBER
SEE SHEET 1

1 2

3

4

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



mat'l code				SEE NOTE 2			tolerances unless otherwise specified		CUSTOMER COPY	projection	title	www.fciconnect.com	
ltr	ecn no.	dr	date				0. X \pm 0.3	0. XX \pm 0.13	. XXX \pm 0.051	0° \pm 2°	product family	METRAL	code
P				linear							MM		
				angles			dr	S. KLINE	2000-04-02	engr	M. HAHN	2000-04-02	
							chr	RAJKRISHNAN.V	2009-11-13	oppd	BIJU K PAUL	2009-11-13	scale
											3:1		
				sheet	revision								
				index	sheet								

1 2

Pro/E

3

cage code
22526

4