

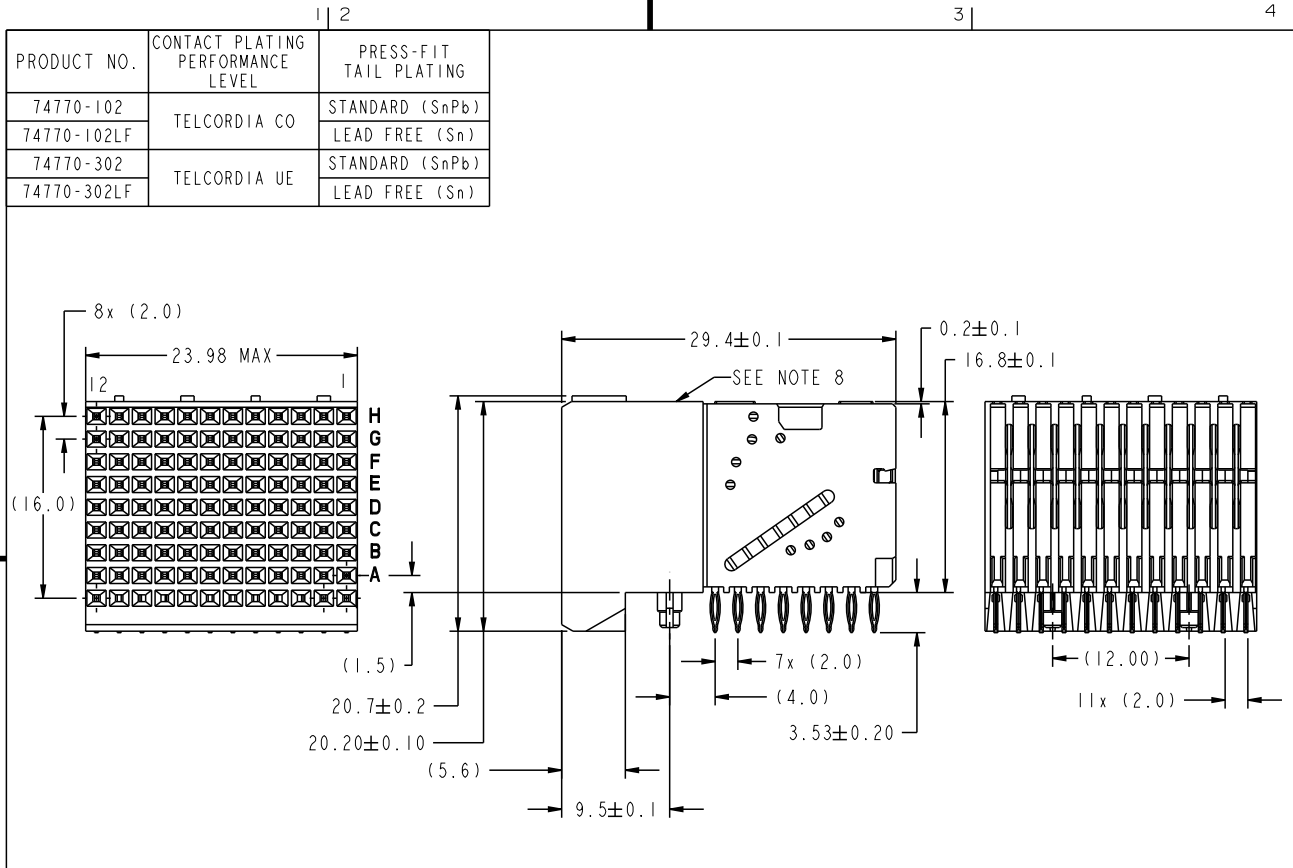
## Excellent Integrated System Limited

Stocking Distributor

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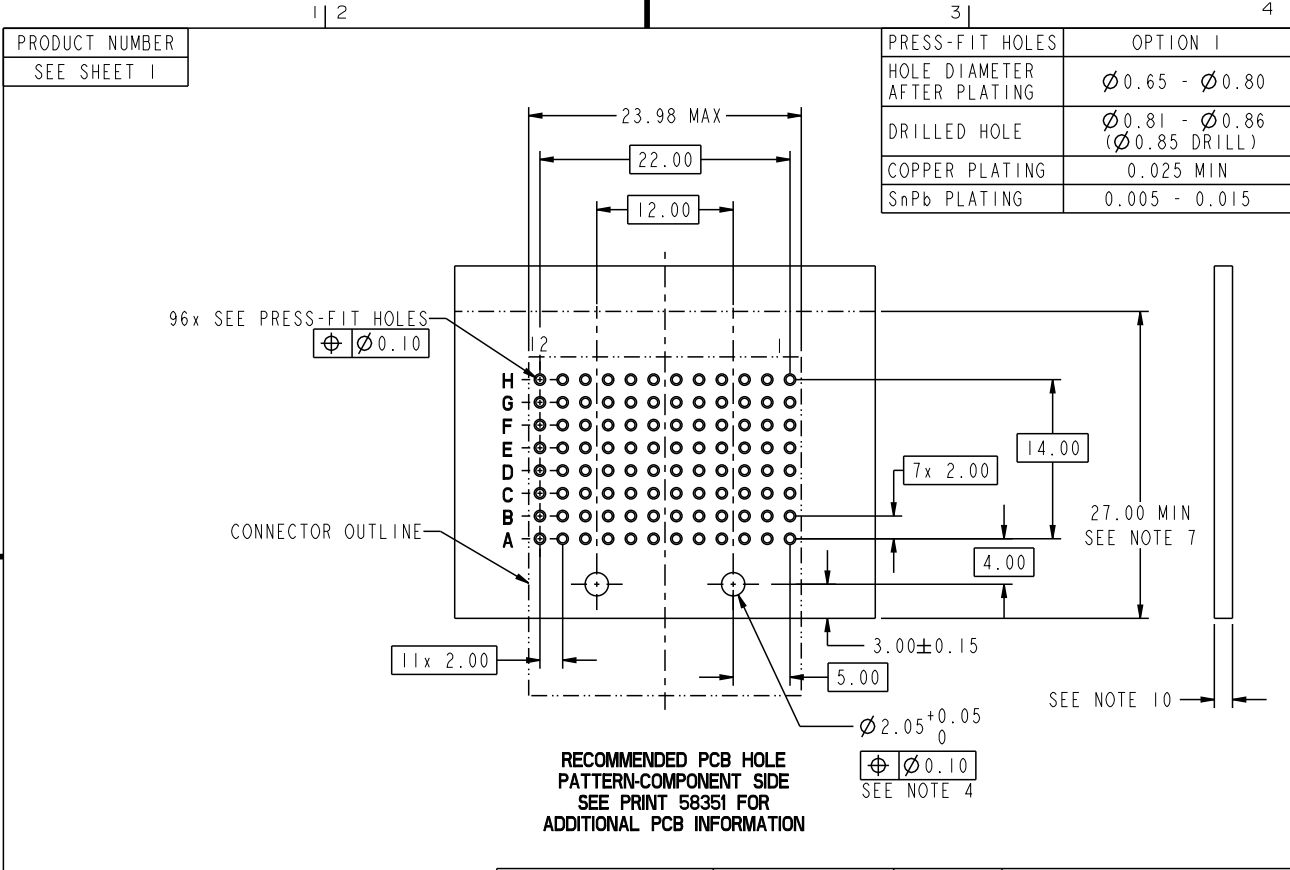
[FCI](#)  
[74770-302](#)

For any questions, you can email us directly:  
[sales@integrated-circuit.com](mailto:sales@integrated-circuit.com)



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	projection	COPY		title: RIGHT ANGLE SIGNAL RECEPTACLE 8 ROW, 96 POSITION				
L	V06-0544	DCH	2006-06-09		0.XX ± 0.13		MM		product family		METRAL		code
M	V07-0318	DCH	2007-04-23		.XXX ± 0.051		A		size		74770		213
N	V08-0078	HTB	2008-02-13	angles	0° ± 2°	2:1		scale		sheet		1 of 4	
P	109-0259	RKV	2009-11-13	dr	S. KLINE 2000-04-02								
H	V20902	TAB	2002-05-09	eng	M. HAHN 2000-04-02								
J	V04-0599	TAB	2004-06-30	chr	RAJKRISHNAN.V 2009-11-13								
K	V05-0958	LP	2005-11-17	appd	BIJU K PAUL 2009-11-13								
sheet index	revision sheet	N	N	N	N								
		1	2	3	4								

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

PRODUCT NUMBER  
SEE SHEET 1

NOTES

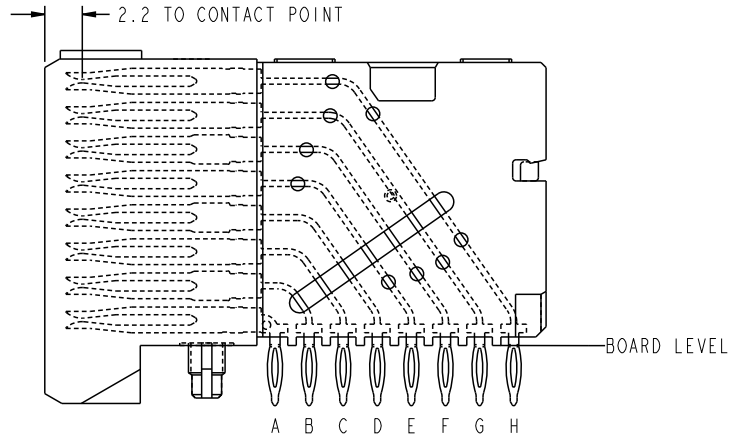
1. UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS AND TOLERANCES ARE IN ACCORDANCE WITH ASME Y14.5M, 1994
- ② HOUSING MATERIAL: LIQUID CRYSTAL POLYMER, GLASS FILLED FLAME RETARDANT PER UL94V-0  
SIGNAL CONTACT MATERIAL: COPPER ALLOY
3. PLATING:  
PRESS-FIT TAIL AREA: SnPb ON STANDARD,  
Sn ON LEAD FREE  
MATING CONTACT POINTS: MEETS PERFORMANCE LEVEL SHOWN ON SHEET 1
- ④  $\varnothing 2.05$  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		FCI www.fciconnect.com	
ltr	ecm no.	dr	date	linear	0.X ±0.3	COPY		projection 	title: RIGHT ANGLE SIGNAL RECEPTACLE 8 ROW, 96 POSITION
P					0.XX ±0.13				
				angles	.XXX ±0.051				
					0° ±Z"			MM 	product family METRAL
				dr	S. KLINE 2000-04-02				
				eng	M. HAHN 2000-04-02			size	dwg no 74770
				chr	RAJKRISHNAN.V 2009-11-13			scale	sheet 3
				appd	BIJU K PAUL 2009-11-13			2:1	A
sheet index	revision sheet								

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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		FCI www.fciconnect.com	
ltr	ecm no.	dr	date	linear	0.X ±0.3	projection	COPY	title: RIGHT ANGLE SIGNAL RECEPTACLE	
P					0.XX ±0.13			8 ROW, 96 POSITION	
				angles	.XXX ±0.051		MM	product family	METRAL
				dr	S. KLINE 2000-04-02	scale	size	dwg no	213
				eng	M. HAHN 2000-04-02	3:1	A	74770	sheet
				chr	RAJKRISHNAN.V 2009-11-13				4
				appd	BIJU K PAUL 2009-11-13				
sheet index	revision sheet							cage code	22526

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