

Excellent Integrated System Limited

Stocking Distributor

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[FCI](#)
[51401-XX002](#)

For any questions, you can email us directly:

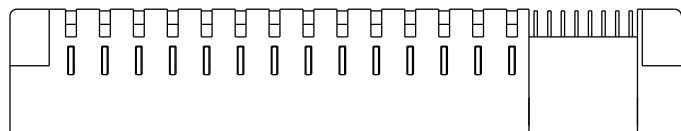
sales@integrated-circuit.com

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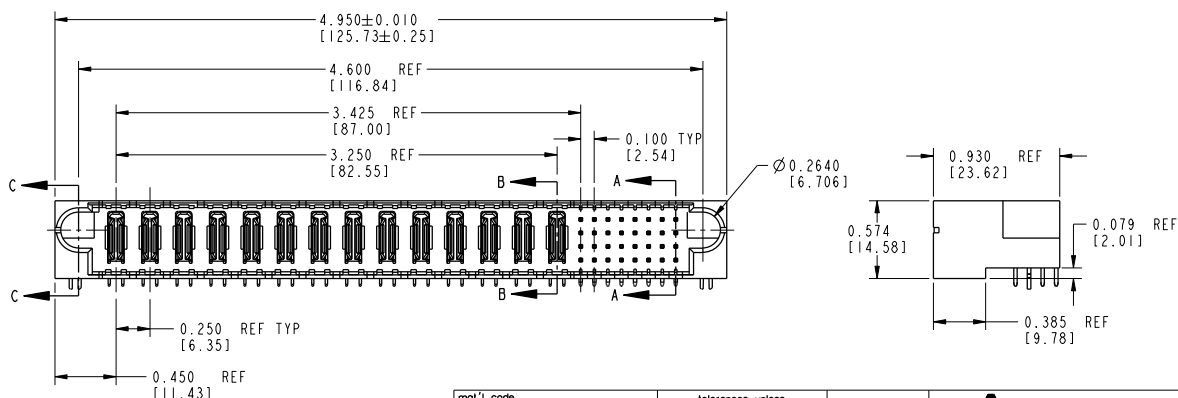
401

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PRODUCT NUMBER
SEE SHEET 3



—SEE NOTE 7



mat'l code				SEE NOTE 6		tolerances unless otherwise specified				CUSTOMER		 www.fciconnect.com				
lfr	ecn no.	dr	date	linear	.XX±.01 / X±.3				projection 	title		14P + 32S		code		
J	DG05-0363	GUJMJ	09/28/05		.XXX±.005 / XX±.13					RIGHT ANGLE SOLDER HEADER		PWRBLADE			213	
K	DG05-0563	RYAN	12/29/05		XXXX±.0020 / XXX±.05					INCH / MM		product family			SHEET	
					angles dr C. BAROT 12-30-98					scale 1:1		size				1 OF 3
				enrg	J. BROWN	12-30-98										
				chr	J. BROWN	12-30-98										
				appd	J. BROWN	12-30-98										
sheet index	revision sheet	K	K	K												
		1	2	3												
										3	cage code				22526	4

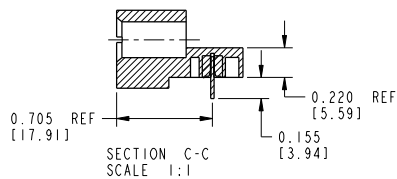
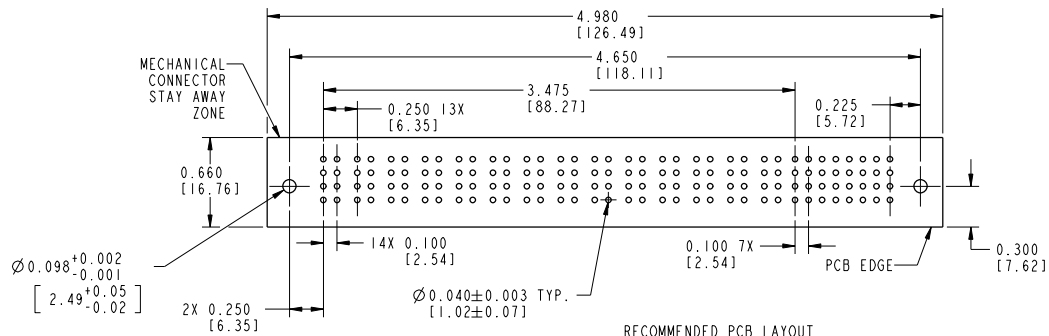
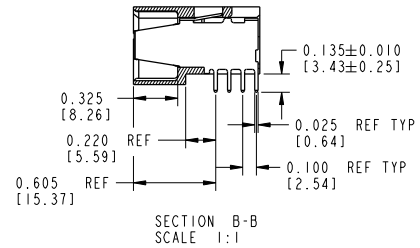
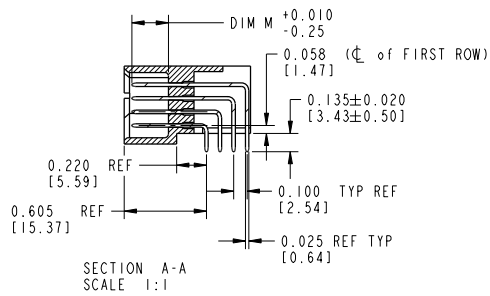
form no. 7530-001-103

coge code	22526
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PRODUCT NUMBER
SEE SHEET 3



mat'l code				tolerances unless otherwise specified		CUSTOMER COPY		www.fciconnect.com	
thr	ecn no.	dr	date	linear	.XX±.01/.X±.3	projection	title	14P + 32S	
K					.XXX±.005/.X±.13		RIGHT ANGLE SOLDER HEADER		
				angles	XXX±.0020/.XX±.05				
				dr	C. BAROT 12-30-98	INCH / MM	product family	PWRBLADE	code 213
				eng	J. BROWN 12-30-98	scale 1:1	size	dwg no	SHEET 2 OF 3
				chr	J. BROWN 12-30-98				
				appd	J. BROWN 12-30-98				
sheet index	revision sheet								

form no. 7530-001-103

code code 22526

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		POWER														SIGNAL											
PRODUCT No.	ROWS	E1	P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	P11	P12	P13	P14	1	2	3	4	5	6	7	8	E2		
51401-XX001-- NOTE: 8	D C B A		PA	PA	PA	PA	PA	PA	PA	PA	PA	PA	PA	PA	PA	PA	UUUUUUUU	TTTTTTTT	TTTTTTTT	TTTTTTTT	TTTTTTTT	TTTTTTTT	TTTTTTTT	TTTTTTTT	TTTTTTTT		
		UU																									

PCB - NOTES

1. ALL DIMENSIONS ARE BASIC UNLESS OTHERWISE SPECIFIED.
2. ALL THROUGH HOLES ARE LOCATED WITH A TRUE POSITION OF .004
3. ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE
4. Ø0.098/2.49 THROUGH HOLES ARE UNPLATED
5. Ø.0453/1.151 DRILLED HOLES PLATED WITH .0003/.007 MIN SnPb OVER .001/1.03 to .003/.08 PLATING TO ACHIEVE A .080±.003/1.02±.08 HOLE

CONNECTORS - NOTES

6. HOUSING MATERIAL: UL94V-0 GLASS-FILLED HIGH TEMP THERMOPLASTIC
- SIGNAL PIN MATERIAL: COPPER ALLOY
- POWER CONTACT MATERIAL: COPPER ALLOY
7. "MANUFACTURER" NAME, P/N, AND DATE CODE TO APPEAR ON THIS SURFACE
8. PLATING:

51401-XXXXY: SIGNAL PIN: 30u"/0.76um Au OVER 50u"/1.27um Ni ON THE CONTACT AREA
AND 100u"/2.54um SnPb OVER 50u"/1.27um Ni ON THE TERMINATION AREA
POWER PIN: 30u"/0.76um Au OVER 50u"/1.27um Ni ON THE CONTACT AREA
AND 100u"/2.54um SnPb OVER 50u"/1.27um Ni ON THE TERMINATION AREA

51401-XXXXYLF: SIGNAL PIN: 30u"/0.76um Au OVER 50u"/1.27um Ni ON THE CONTACT AREA
AND 78u"/2.00um Sn OVER 50u"/1.27um Ni ON THE TERMINATION AREA
POWER PIN: 30u"/0.76um Au OVER 50u"/1.27um Ni ON THE CONTACT AREA
AND 78u"/2.00um Sn OVER 50u"/1.27um Ni ON THE TERMINATION AREA

PART NUMBER 51401-XXXXYLF MEETS EUROPEAN UNION DIRECTIVE AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.

THE HOUSING WILL WITHSTAND EXPOSURE TO 260° PEAK TEMPERATURE FOR 10 SECONDS IN A WAVE SOLDER APPLICATION WITH A CIRCUIT BOARD.

CODE	DIM "M"	MATING LENGTH	CONTACT TYPE
G	0.220	[5.59]	SIGNAL
H	0.220	[5.59]	SIGNAL
R	0.270	[6.86]	SIGNAL
S	0.270	[6.86]	SIGNAL
T	0.270	[6.86]	SIGNAL
U	0.270	[6.86]	SIGNAL
PA	N/A	[N/A]	POWER
HA	N/A	[N/A]	HOLD-DOWN

mat'l code				tolerances unless otherwise specified		CUSTOMER COPY		FCI		www.fciconnect.com	
lfr	ecn no.	dr	date	linear	.XX±.01/.X±.3	projection	title	product family	code	size	dwg no
K				linear	.XXX±.005/.X±.13		14P + 32S	PWRBLADE	213		
				angles	XXXX±.0020/.XXX±.05		RIGHT ANGLE SOLDER HEADER				
				dr	C. BAROT 12-30-98						
				eng	J. BROWN 12-30-98						
				chr	J. BROWN 12-30-98						
				appd	J. BROWN 12-30-98						
sheet index	revision sheet					INCH / MM	scale 1:1	A	51401		
										code code	22526

form no. 7530-001-103