

Excellent Integrated System Limited

Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

[FCI](#)
[51939-097](#)

For any questions, you can email us directly:

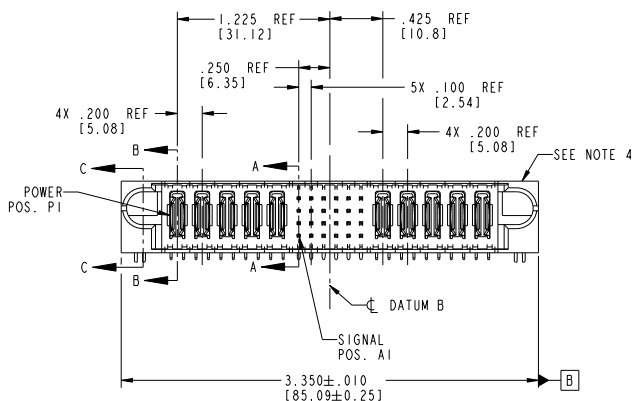
sales@integrated-circuit.com

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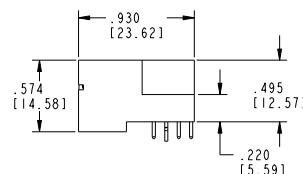
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PRODUCT NO.	ROWS	POWER					SIGNAL					POWER					E2
		E1	P1	P2	P3	P4	P5	1	2	3	4	5	6	P7	P8	P9	
51939-097-- NOTE: 3	D C B A		PA	PA	PA	PA	PA						PA	PA	PA	PA	



CODE	DIM "M"	MATING LENGTH	CONTACT TYPE
R	.270	[6.86]	SIGNAL
S	.270	[6.86]	SIGNAL
T	.270	[6.86]	SIGNAL
U	.270	[6.86]	SIGNAL
PA	N/A	[N/A]	POWER
HA	N/A	[N/A]	HOLD-DOWN

mat'l code				SEE NOTE 2				tolerances unless otherwise specified			
ltr	ecn no.	dr	date	linear				XX±.01/0.XX±0.3			
A	V03-1267	TAB	12/01/03	linear				XX±.005/0.XX±0.13			
B	DG06-0014	JMG	01/16/06	linear				XX±.0020/0.XX±0.051			
C	DG09-0003	WD	01/17/09	linear				XX±.0020/0.XX±0.051			
				angles				0°±			
				dr	T. BRUNARD	12/01/03					
				enrg	M. GRAY	12/01/03					
				chr	M. GRAY	12/01/03					
				appd	M. GRAY	12/01/03					
sheet index	revision	sheet		C	C	C	C	C	C	C	C
				1	2	3	4				



CUSTOMER				FCI			
COPY				www.fciconnect.com			
projection				title			
INCH/MM				5P + 24S + 5P			
scale				RIGHT ANGLE SOLDER HEADER			
1:1				product family			
				PwrBlade			
				size			
				dwg no			
				A			
				51939-097			
				code			
				213			
				sheet			
				1 of 4			

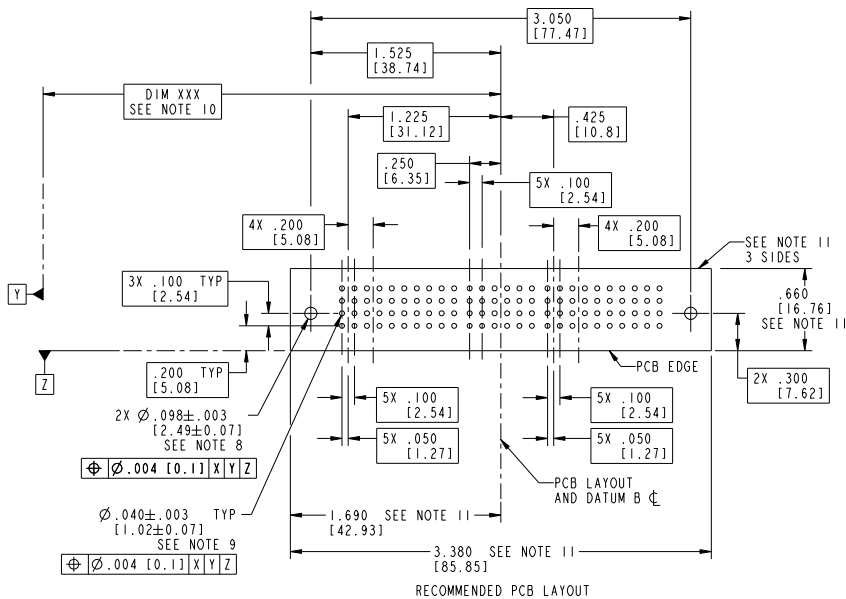
code code 22526

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PRODUCT NUMBER
51939-097...
NOTE: 3



mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		FCI	
litr	ecn no.	dr	date	linear		XX±.01/0.XX±0.3		COPY		www.fciconnect.com	
C				angles		XXX±.005/0.XX±0.13		projection		5P + 24S + 5P	
				dr	T. BRUNGARD	12/01/03		INCH/MM		RIGHT ANGLE SOLDER HEADER	
				engr	M. GRAY	12/01/03		scale	1:1	product family PwrBlade	code 213
				chr	M. GRAY	12/01/03				size 51939-097	sheet 3 of 4
				appd	M. GRAY	12/01/03					
sheet index	revision sheet									cage code 22526	

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B

PRODUCT NUMBER

51939-097--
NOTE: 3

NOTES:

1. DIMENSIONS AND TOLERANCES ARE IN ACCORDANCE WITH ASME Y14.5M, 1994 UNLESS OTHERWISE SPECIFIED.

CONNECTOR NOTES:

2. HOUSING MATERIAL: UL 94 V-0 GLASS FILLED HIGH-TEMP THERMOPLASTIC
POWER CONTACT MATERIAL: COPPER ALLOY
SIGNAL PIN MATERIAL: COPPER ALLOY
3. SEE ITEM 1 & 2 IN PRINT 10064183 FOR PLATING SPEC OF 51939-097 AND 51939-097LF RESPECTIVELY.
4. MANUFACTURER'S NAME, P/N, AND DATE CODE TO APPEAR ON THIS SURFACE.
5. PRODUCT SPECIFICATION GS-12-149.
APPLICATION SPECIFICATION BUS-20-067.

PCB NOTES:

7. ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE.
8. MOUNTING HOLES, WHERE APPLICABLE, ARE UNPLATED.
9. $\varnothing .0453 \pm .0010$ [1.151 $\pm$.025] DRILLED HOLES PLATED WITH
.0003 [0.008] MIN SnPb OVER .001 [0.03]
TO .003 [0.08] Cu PLATING TO ACHIEVE
 $\varnothing .040 \pm .003$ [1.02 $\pm$.07] HOLE.
10. "DIM XXX" TO BE DETERMINED BY THE CUSTOMER.
11. CONNECTOR KEEP-OUT ZONE.

12. A SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.

mat 1 code				SEE NOTE 2				tolerances unless otherwise specified				CUSTOMER				 www.fciconnect.com					
lfr		ecn no.		dr		date		linear		$.XX \pm .010, XY \pm .03$ $XXX \pm .005, YX \pm .03$ $XXXX \pm .002, XY \pm 0.051$ $YX \pm .002$		COPY		projection							
C								angles								5P + 24S + 5P RIGHT ANGLE SOLDER HEADER					
								dr		T. BRUNARD		12/01/03		INCH/MM		product family		PwrBlade		code	
								engr		M. GRAY		12/01/03		scale		size		dwg no		213	
								ctr		M. GRAY		12/01/03		1:1		A		51939-097		sheet	
								appd		M. GRAY		12/01/03								4 of 4	
sheet		revision						infr		cbsol											

PDM: Rev:C

STATUS: **Released**

Printed: Dec 20, 2010