

Excellent Integrated System Limited

Stocking Distributor

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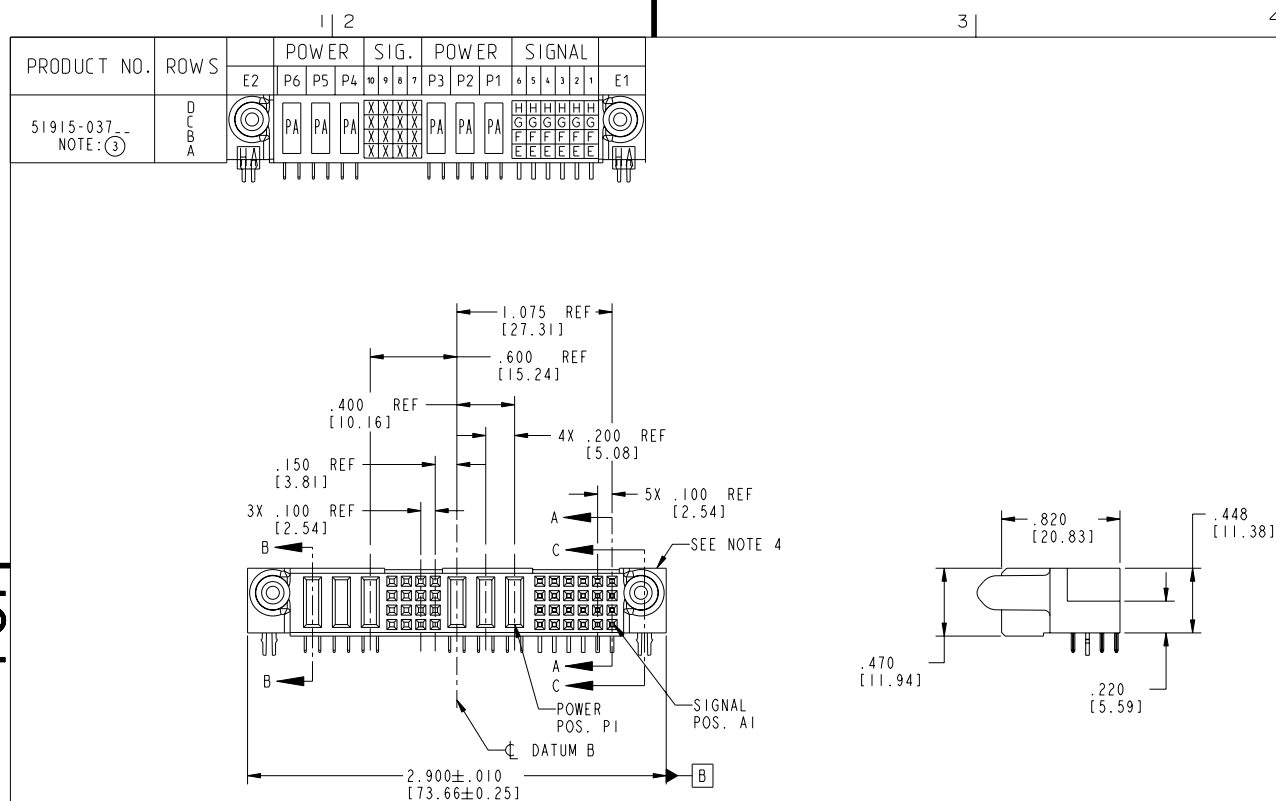
[FCI](#)
[51915-037LF](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

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CODE	DIM "M" MATING LENGTH	CONTACT TYPE
E	N/A [N/A]	SIGNAL
F	N/A [N/A]	SIGNAL
G	N/A [N/A]	SIGNAL
H	N/A [N/A]	SIGNAL
PA	.042 [1.07]	POWER
HA	N/A [N/A]	HOLD-DOWN
X	OMITTED	OMITTED

mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com	
lfr	ecn no.	dr	date	linear	$XX+ .01/0.X+0.3$ $XX+ .005/0.XX+0.13$ $XXX+.002/0.XXX+0.051$		COPY			title 24S + 3P + 16S + 3P R/A SOLDER RECEPTACLE	
A	V03-1199	TAB	11/06/03				projection				
B	D605-0260	SJ	08/01/05								
				angles	$0^\circ \pm$		INCH/MM				product family PwrBlade
				dr	T. BRUNGARD	11/06/03			size		code 213
				engr	M. GRAY	11/06/03			dwg no		sheet 1
				chr	M. GRAY	11/06/03	scale		A 51915-037		of 4
				appd	M. GRAY	11/06/03	1:1				
sheet index		revision	B	B	B	B					
		sheet	1	2	3	4					

Pro/E

cage code	22526
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PDM: Rev:B

STATUS: **Released**

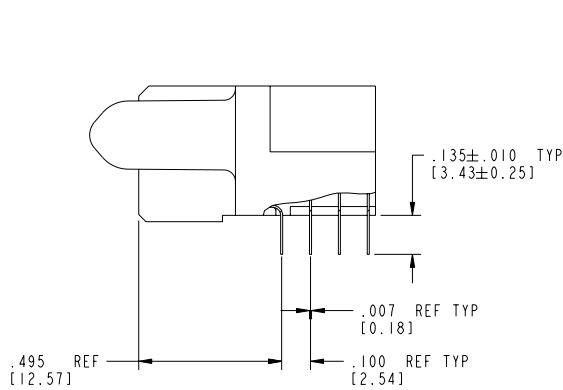
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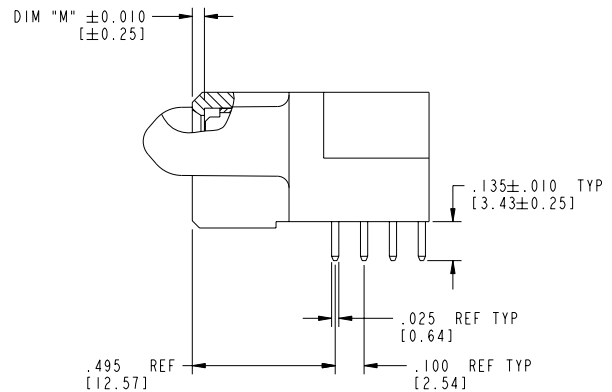
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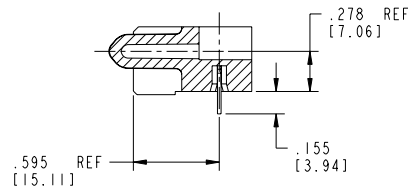
PRODUCT NUMBER
51915-037_-
NOTE: ③



BROKEN-OUT SECTION A-A
SCALE 2:1



BROKEN-OUT SECTION B-B
SCALE 2:1



SECTION C-C

mat'l code SEE NOTE 2				tolerances unless otherwise specified		CUSTOMER		FCI www.fciconnect.com	
litr	ecn no.	dr	date	linear	XX±.01/0.X±0.3	COPY		title	24S + 3P + 16S + 3P
B					.XXX±.005/0.XX±0.13	projection			R/A SOLDER RECEPTACLE
				angles	.XXX±.002/0.XX±0.051			product family	PwrBlade
				dr	T. BRUNGARD 11/06/03	INCH/MM		size	dwg no
				engr	M. GRAY 11/06/03	scale		A	51915-037
				chr	M. GRAY 11/06/03				
				appd	M. GRAY 11/06/03				
sheet index	revision sheet								

Pro/E

cage code 22526

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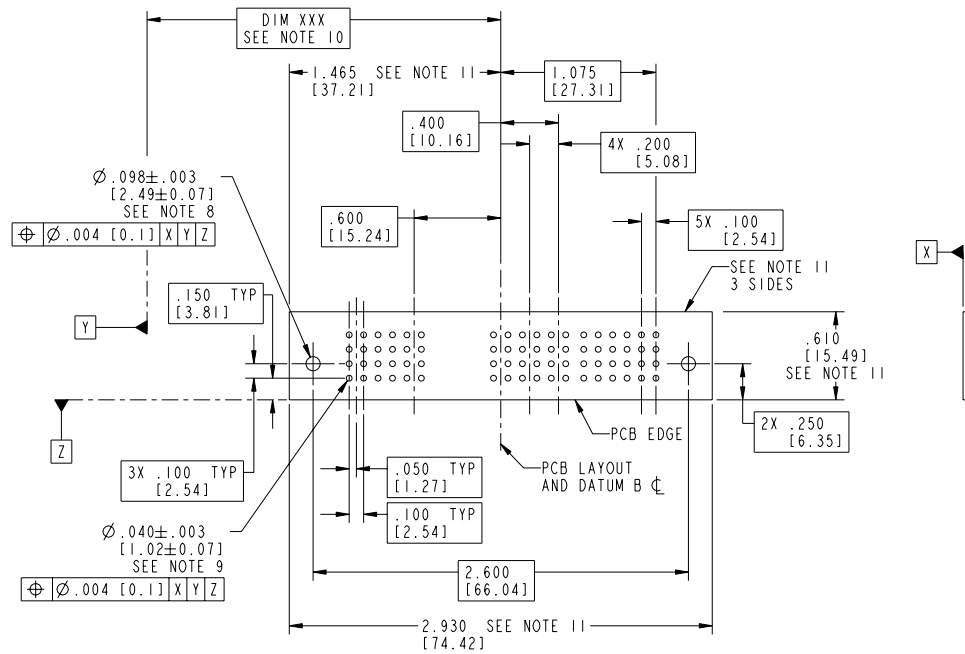
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PRODUCT NUMBER
51915-037-
NOTE: ③



mat'l code SEE NOTE 2				tolerances unless otherwise specified		CUSTOMER		FCI www.fciconnect.com	
litr	ecn no.	dr	date	linear	XX±.01/0.X±0.3	COPY		title	24S + 3P + 16S + 3P
B				linear	.XXX±.005/0.XX±0.13	projection		R/A SOLDER RECEPTACLE	
				angles	.XXX±.002/0.XX±0.051			product family	PwrBlade
				dr	T. BRUNGARD 11/06/03	INCH/MM		size	213
				engr	M. GRAY 11/06/03	scale		dwg no	51915-037
				chr	M. GRAY 11/06/03	1:1		sheet	3 of 4
				appd	M. GRAY 11/06/03				
sheet index	revision sheet								

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PRODUCT NUMBER
51915-037LF
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. PLATING:

51915-037 Singal Pin: 30u"/0.76um Au OVER 50u"/1.27um Ni ON THE CONTACT AREA,
AND 100u"/2.54um SnPb PLATING OVER 50u"/1.27um Ni ON THE TERMINATION SECTION.
Power Pin: 30u"/0.76um Au OVER 50u"/1.27um Ni ON THE CONTACT AREA,
AND 100u"/2.54um SnPb PLATING OVER 50u"/1.27um Ni ON THE TERMINATION SECTION.

51915-037LF Singal Pin: 30u"/0.76um Au OVER 50u"/1.27um Ni ON THE CONTACT AREA,
AND 78u"/2.00um Sn PLATING OVER 50u"/1.27um Ni ON THE TERMINATION SECTION.
Power Pin: 30u"/0.76um Au OVER 50u"/1.27um Ni ON THE CONTACT AREA,
AND 78u"/2.00um Sn PLATING OVER 50u"/1.27um Ni ON THE TERMINATION SECTION.

PART NUMBER 51915-037LF 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.

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.

6. PACKAGED IN TRAYS.

PCB NOTES:

7. ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE.

⑧. MOUNTING HOLES, WHERE APPLICABLE, ARE UNPLATED.

⑨. Ø.0453±.0010 [1.151±0.025] DRILLED HOLES PLATED WITH .0003 [0.008] MIN SnPb OVER .001 [0.03] TO .003 [0.08] Cu PLATING TO ACHIEVE Ø.040±.003 [1.02±.07] HOLE.

⑩. "DIM XXX" TO BE DETERMINED BY THE CUSTOMER.

⑪. CONNECTOR KEEP-OUT ZONE.

mat'l code				tolerances unless otherwise specified		CUSTOMER	
litr	ecn no.	dr	date			COPY	
B				linear	.XX±.01/0.X±0.3	projection	title
					.XXX±.005/0.XX±0.13		24S + 3P + 16S + 3P
				angles	.XXX±.0020/0.XX±0.051		R/A SOLDER RECEPTACLE
					0°±2°		
				dr	T. BRUNGARD 11/06/03	INCH/MM	product family
				engr	M. GRAY 11/06/03	scale	PwrBlade
				chr	M. GRAY 11/06/03	1:1	code
				appd	M. GRAY 11/06/03		213
sheet index	revision sheet						sheet
							4 of 4

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