

Excellent Integrated System Limited

Stocking Distributor

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[FCI](#)
[51770-044LF](#)

For any questions, you can email us directly:

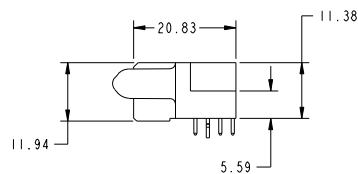
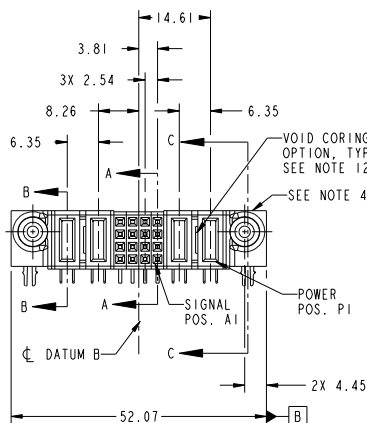
sales@integrated-circuit.com

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PRODUCT NO.	ROWS	1 2									
		POWER	SIGNAL	POWER							
51770-044-- NOTE 3	0 1 2 3 4 5 6 7 8 9	E2	P4	P3	P2	P1	E1				
		PA	PA	GGGG	GGGG	PC	PC				
				FFFF	FFFF						
				EEEE	EEEE						



CODE	DIM "M" MATING LENGTH	CONTACT TYPE
PA	[1.07]	POWER
PC	[2.34]	POWER
H	[N/A]	SIGNAL
G	[N/A]	SIGNAL
F	[N/A]	SIGNAL
E	[N/A]	SIGNAL
HA	[N/A]	HOLD-DOWN

mat'l code				SEE NOTE 2		tolerances unless otherwise specified	
lfr	ecn no.	dr	date			0.X ± 0.5	
A	DG11-0023	XQ	01/20/11	linear		0.XX ± 0.25	
				angles		0.XXX ± 0.1	
						0° ± 2°	
				dr	XQ Wang	01/20/11	
				engr	Anson Liu	01/20/11	
				chr	PM Zheng	01/20/11	
				appd	Joseph Hsiao	01/20/11	
sheet index	revision sheet	A 1	A 2	A 3	A 4		

CUSTOMER		FCI		www.fciconnect.com	
COPY	projection	title	2P + 16S + 2P R/A STB RECEPTACLE	product family	PwrBlade
size	MM	dwg no	51770-044	code	213
scale	1:1	sheet	1 of 4		
		cage code	22526		

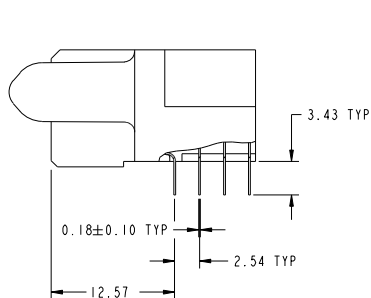
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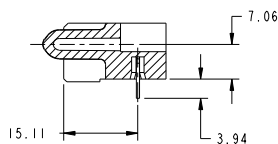
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PRODUCT NUMBER

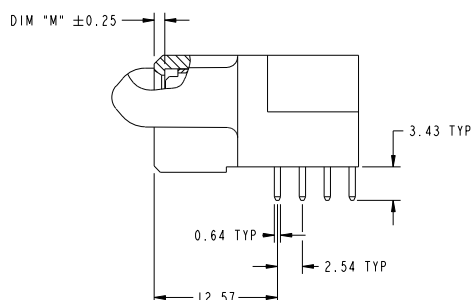
51770-044...
NOTE 3



BROKEN-OUT SECTION A-A
SCALE 2:1



SECTION C-C



BROKEN-OUT SECTION B-B
SCALE 2:1

mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		FCI	
ltr	ecn no.	dr	date	linear		0.X ±0.5		COPY		www.fciconnect.com	
A						0.XX ±0.25		projection			
						0.XXX ±0.1					
				angles		0° ±2°					
				dr	XQ Wang	01/20/11					
				engr	Anson Liu	01/20/11					
				chr	FW Zheng	01/20/11					
				appd	Joseph Hsiao	01/20/11					
sheet index	revision sheet							scale	1:1		

Pro/E

cage code 22526

PDM: Rev:A

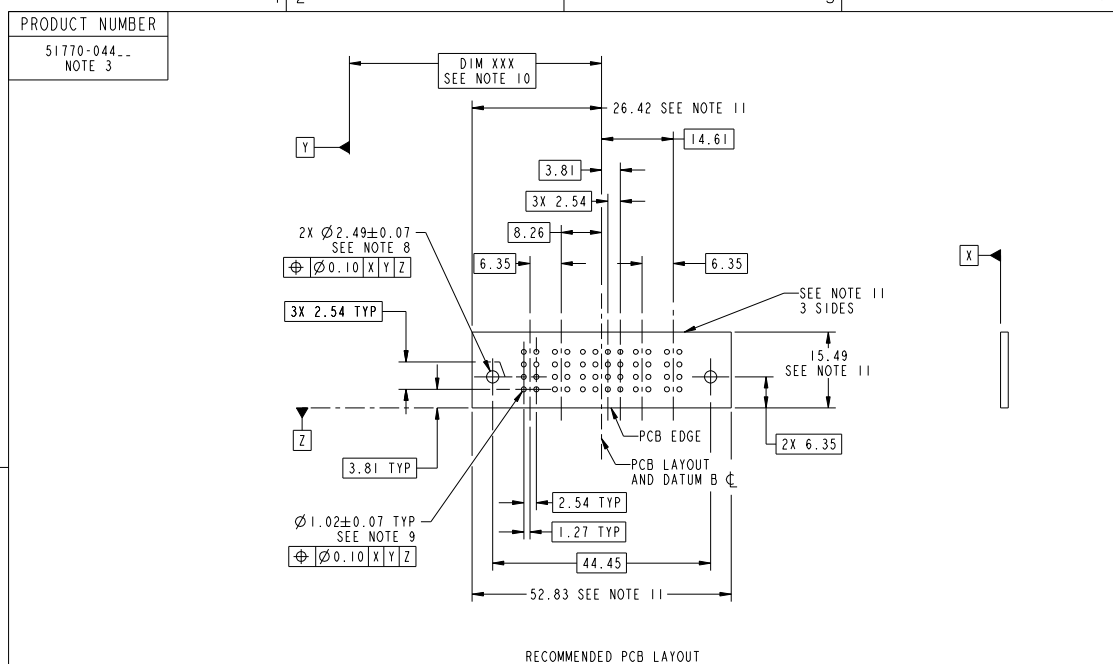
STATUS:Released

Printed: Jan 25, 2011

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mat'l code				SEE NOTE		tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com	
lfr	ecn no.	dr	date	linear angles dr eng'r chr app'd	$0.X \pm 0.5$ $0.XX \pm 0.25$ $0.XXX \pm 0.1$ $0^\circ \pm$	COPy projection  MM scale 1:1		title 2P + 16S + 2P R/A STB RECEPTACLE product family PwrBlade size dwg no A 51770-044		code 213 sheet 3 of 4	
A											
sheet		revision									
sheet		sheet									
Pro/E						3		cage code		22526	
										4	

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PRODUCT NUMBER

51770-044-
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 5 & 6 IN PRINT 10064183 FOR PLATING SPEC OF 51770-044 AND 51770-044LF RESPECTIVELY.

4. MANUFACTURER'S NAME, DATE CODE AND OPTIONAL P/N TO APPEAR ON

THIS SURFACE. THE P/N CAN BE OMITTED IF THERE IS NOT ENOUGH SPACE 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. $\varnothing 1.151 \pm 0.025$ DRILLED HOLES PLATED WITH
0.008 MIN SnPb OR Sn OVER 0.03
TO 0.08 Cu PLATING TO ACHIEVE
 $\varnothing 1.02 \pm 0.07$ HOLE.

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

11. CONNECTOR KEEP-OUT ZONE.

12. THE VOID CORING IN BETWEEN POWER MODULES, SIGNAL MODULES AND END MODULES ARE OPTIONAL AND THE SHAPE MAY BE DIFFERENT FOR OPTIMIZE THE MOLDING PROCESS. THE VOID CORING WILL NOT EFFECT TO PRODUCT FUNCTION.

mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		FCI	
ltr	ecn no.	dr	date	linear				COPY		www.fciconnect.com	
A						$0.X \pm 0.5$		projection		title	
						$0.XX \pm 0.25$				2P + 16S + 2P	
						$0.XXX \pm 0.1$				R/A STB RECEPTACLE	
						$0" \pm 2"$				product family	PwrBlade
										size	213
										dwg no	4 of 4
										51770-044	
										scale	1:1
										sheet index	revision sheet
										cage code	22526

Pro/E

PDM: Rev:A

STATUS: Released

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