

Excellent Integrated System Limited

Stocking Distributor

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

[FCI](#)
[51750-043](#)

For any questions, you can email us directly:

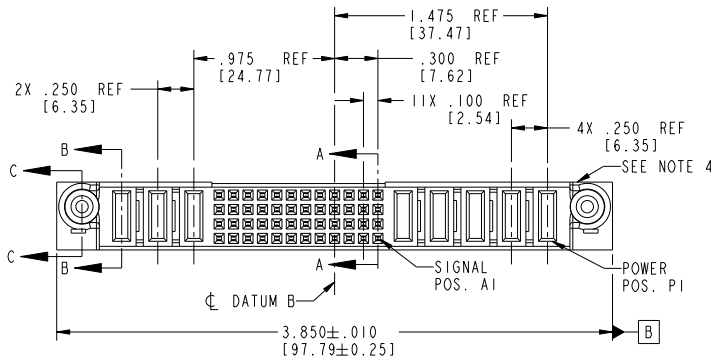
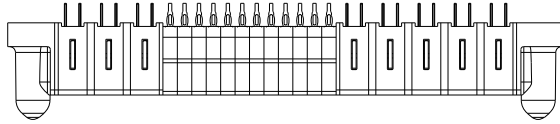
sales@integrated-circuit.com

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		1 2																							
PRODUCT NO.	ROWS	POWER				SIGNAL												POWER							
		E2	P8	P7	P6	12	11	10	9	8	7	6	5	4	3	2	1	P5	P4	P3	P2	P1	E1		
51750-043-- NOTE: 3	D C B A		PF	PF	PC	PF	PF	PF	PF	PF	PF	PF	PF	PF	PF	PF	PF	PC	PC	PC	PF	PF			



CODE	DIM "M" MATING LENGTH	CONTACT TYPE
F	N/A [N/A]	SIGNAL
PC	.042 [1.07]	POWER
PF	.092 [2.34]	POWER

mat'l code				tolerances unless otherwise specified		CUSTOMER		FCI	
ltr	ech no.	dr	date	linear	.XX ± .01 / 0.X ± 0.3	COPY		www.fciconnect.com	
A	V03-0143	TAB	02/04/03	linear	.XXX ± .005 / 0.XX ± 0.13	projection			
B	V03-0174	TAB	02/11/03	linear	.XXX ± .0020 / 0.XXX ± 0.051				
C	DG05-0504	GuoJM	11/29/05	angles	0° ± 2°				
D	DG08-0251	W D	09/13/08	dr	T. BRUNGARD 02/04/03	INCH/MM			
				engr	M. MOSTOLLER 02/04/03	scale			
				chr	M. MOSTOLLER 02/04/03				
				appd	M. MOSTOLLER 02/04/03				
sheet index	revision sheet	D 1	D 2	D 3	D 4				

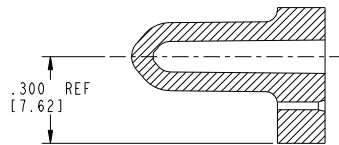
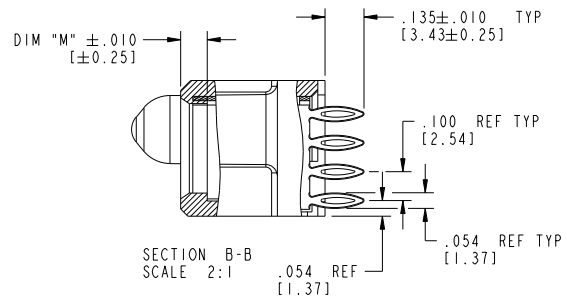
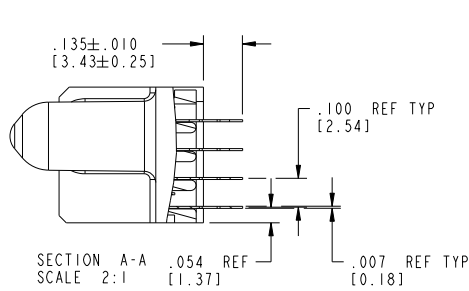
STAT: **Released** Printed: Dec 20, 2010

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PRODUCT NUMBER
51750-043_-
NOTE: 3



mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER			
								COPY		www.fciconnect.com	
litr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3		projection		title	5P + 48S + 3P	
D					.XXX±.005/0.XX±0.13					VERTICAL PRESSFIT RECEPT	
				angles	.XXXX±.0020/0.XXX±0.051			product family	PwrBlade		
					0°±°				INCH/MM	size	dwg no
				dr	T. BRUNGARD	02/04/03	scale	1:1			
				engr	M. MOSTOLLER	02/04/03					
				chr	M. MOSTOLLER	02/04/03					
				appd	M. MOSTOLLER	02/04/03					
sheet index		revision sheet									

Pro/E

PDM: Rev:D

STATUS: Released

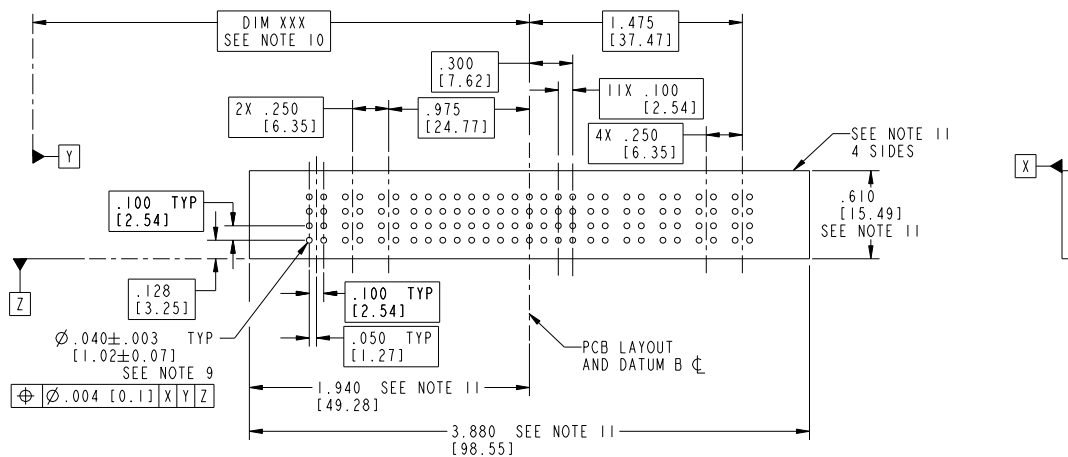
Printed: Dec 20, 2010

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NOTE: 3



RECOMMENDED PCB LAYOUT

mat'l code				tolerances unless otherwise specified		CUSTOMER		FCI	
ltr	ech no.	dr	date	linear	.XX±.01/0.X±0.3	COPY		www.fciconnect.com	
D				angles	.XXX±.005/0.XX±0.13	projection			
					.XXXX±.0020/0.XXX±0.051	INCH/MM			
				dr	T. BRUNGARD 02/04/03	scale			
				engr	M. MOSTOLLER 02/04/03	1:1			
				chr	M. MOSTOLLER 02/04/03				
				appd	M. MOSTOLLER 02/04/03				
sheet index	revision sheet								

title 5P + 48S + 3P
VERTICAL PRESSFIT RECEPT
product family PwrBlade
size dwg no A 51750-043
code 213
sheet 3 of 4

Pro/E

PDM: Rev:D

STATUS: Released

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1 | 2

3 |

4

PRODUCT NUMBER

51750-043_-
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 7 & 8 IN PRINT 10064183 FOR PLATING SPEC OF 51750-043 AND 51750-043LF 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.
6. PACKAGED IN TRAYS.
- PCB NOTES:
7. ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE.
- ⑧ MOUNTING HOLES, WHERE APPLICABLE, ARE UNPLATED.
- ⑨ $\varnothing .0453 \pm .0010$ [1.151 $\pm$ 0.025] 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/D SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE WHICH HAS BEEN MODIFIED
WITH THE CURRENT DRAWING REVISION.

mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		FCI	
ltr	ech no.	dr	date	linear	angles	dr	engr	chr	appd	projection	title
D				$.XX \pm .01 / 0.X \pm 0.3$	$.XXX \pm .005 / 0.XX \pm 0.13$		T. BRUNGARD			COPY	www.fciconnect.com
				$.XXXX \pm .0020 / 0.XXX \pm 0.051$	$0^\circ \pm 2^\circ$		M. MOSTOLLER				5P + 48S + 3P
										INCH/MM	VERTICAL PRESSFIT RECEPT
										scale	product family
										1:1	PwrBlade
											size
											dwg no
											code
											213
											sheet
											4 of 4
sheet index	revision sheet										

1 | 2

Pro/E

PDM: Rev:D

STATUS: **Released**

code code 22526
Printed: Dec 20, 2010