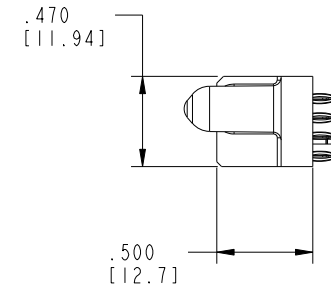
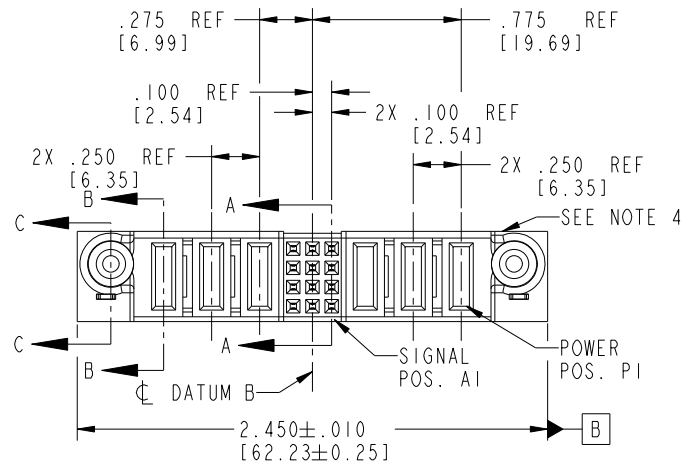


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PRODUCT NO.	ROWS	POWER				SIG.			POWER			
		E2	P6	P5	P4	3	2	1	P3	P2	P1	E1
51750-048-- NOTE: 3	D C B A		PF	PF	PF	F	F	F	PC	PF	PF	



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

mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com	
ltr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3		COPY			title	
A	V03-0511	TAB	05/07/03		.XXX±.005/0.XX±0.13					3P + 12S + 3P	
B	DG05-0504	GuoJM	11/29/05		.XXXX±.002/0.XXX±0.051					VERTICAL PRESS-FIT RECEPT	
C	DG08-0251	W D	09/13/08	angles	0°±2°					product family	
				dr	T. BRUNGARD	05/07/03				PwrBlade	
				enrg	M. MOSTOLLER	05/07/03				size	
				chr	M. MOSTOLLER	05/07/03			dwg no		213
				appd	M. MOSTOLLER	05/07/03			scale		sheet
									A		51750-048
sheet index	revision sheet	C	C	C	C	C					
		1	2	3	4						

Pro/E

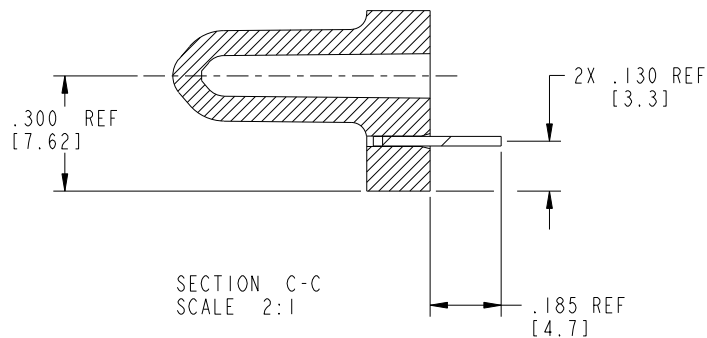
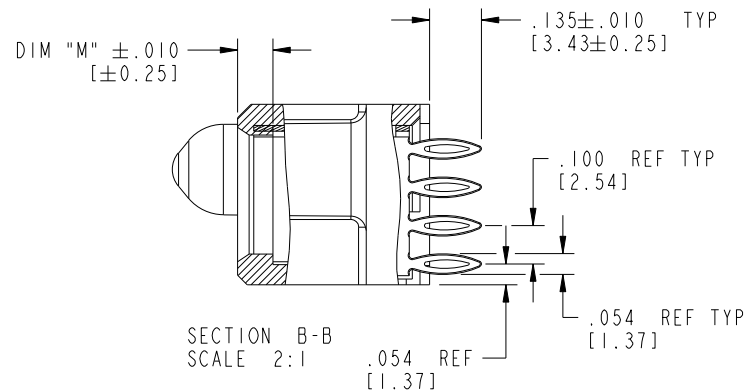
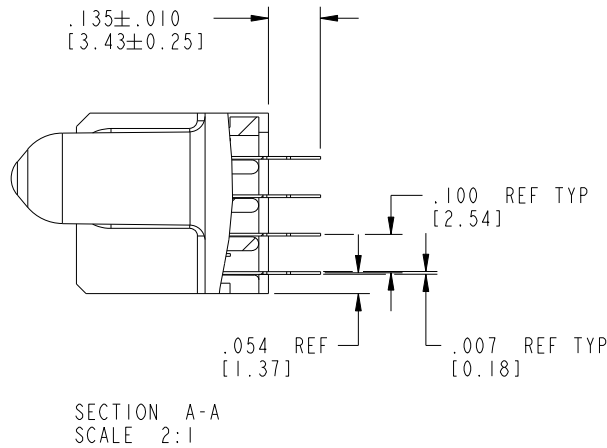
PDM: Rev:C

STAT: Released

Printed: Dec 20, 2010



PRODUCT NUMBER
51750-048__
NOTE: 3



mat'l code				SEE NOTE 2				tolerances unless otherwise specified				CUSTOMER				 www.fciconnect.com			
litr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3				COPY					title					
C					.XXX±.005/0.XX±0.13									3P + 12S + 3P					
					.XXX±.0020/0.XXX±0.051									VERTICAL PRESS-FIT RECEPT					
				angles	0°±2°									product family					
				dr	T. BRUNGARD 05/07/03									PwrBlade					
				enrg	M. MOSTOLLER 05/07/03									size					
				chr	M. MOSTOLLER 05/07/03								dwg no						
				appd	M. MOSTOLLER 05/07/03				scale				A						
									1:1				51750-048						
sheet index		revision sheet																	



www.fciconnect.com

title 3P + 12S + 3P
VERTICAL PRESS-FIT RECEPT

product family PwrBlade

size dwg no

A 51750-048

2 of 4

cage code 22526

STATUS: Released

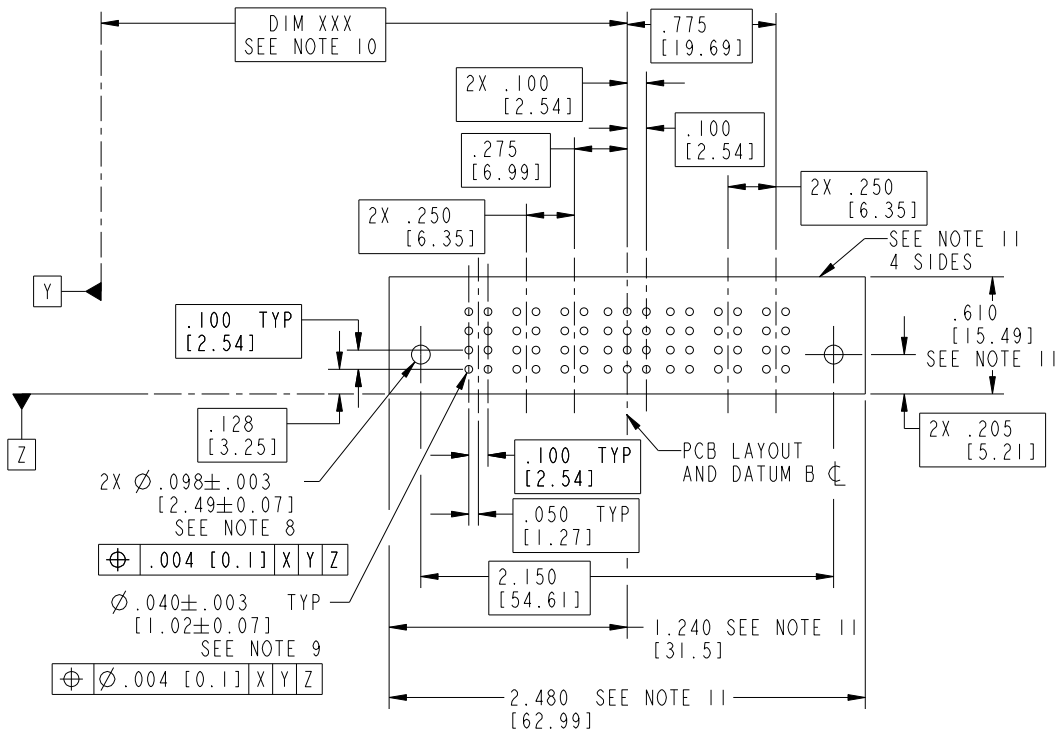
Printed: Dec 20, 2010

Pro/E

PDM: Rev:C



PRODUCT NUMBER
51750-048__
NOTE: 3



RECOMMENDED PCB LAYOUT

mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		FCI	
ltr	ecr no.	dr	date	linear	angles	linear	angles	COPY	projection	title	www.fciconnect.com
C						.XX±.01/0.X±0.3				3P + 12S + 3P	
						.XXX±.005/0.XX±0.13				VERTICAL PRESS-FIT RECEPT	
						.XXX±.002/0.XXX±0.051				product family	PwrBlade
						0°±2°				size	213
										dwg no	51750-048
										sheet	3 of 4
sheet index	revision sheet										

Pro/E

PDM: Rev: C

STATUS: Released

Printed: Dec 20, 2010



1 | 2

3 |

4

PRODUCT NUMBER

51750-048__
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 51750-048 AND 51750-048LF 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. △ 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			
ltr	ecn no.	dr	date												
C				linear				.XX $\pm$.01 / 0.X $\pm$ 0.3				COPY			
								.XXX $\pm$.005 / 0.XX $\pm$ 0.13				projection			
				angles				.XXXX $\pm$.0020 / 0.XXX $\pm$ 0.051							
								0° $\pm$ 2°				INCH/MM			
				dr				T. BRUNGARD 05/07/03				scale			
				enrg				M. MOSTOLLER 05/07/03				1:1			
				chr				M. MOSTOLLER 05/07/03							
				appd				M. MOSTOLLER 05/07/03							
sheet index		revision sheet													



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title 3P + 12S + 3P
VERTICAL PRESS-FIT RECEPT

product family PwrBlade code 213
size dwg no 51750-048 sheet 4 of 4

A

A

B

B

1 | 2

Pro/E

PDM: Rev: C

STATUS: Released

Printed: Dec 20, 2010

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Components Supply Platform

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