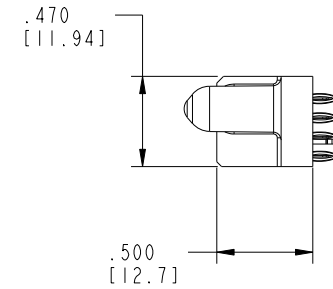
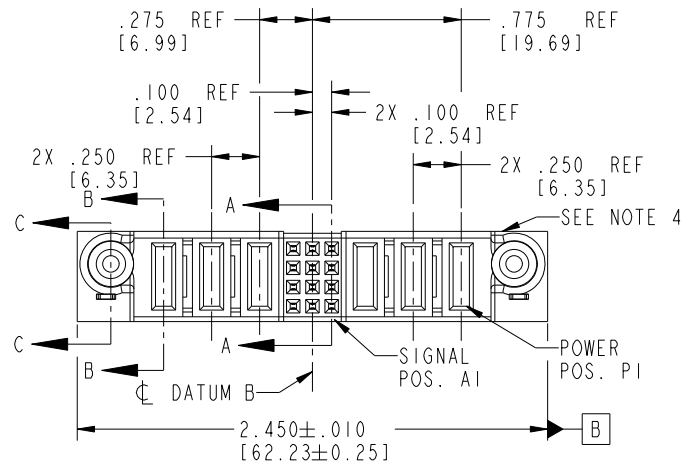




PRODUCT NO.	ROWS	POWER				SIG.			POWER			E1
		E2	P6	P5	P4	3	2	1	P3	P2	P1	
51750-048-- NOTE: 3	D C B A		PF	PF	PF	FF	FF	FF	PC	PF	PF	

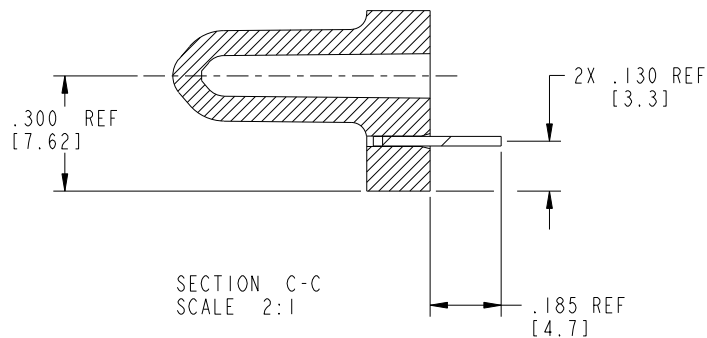
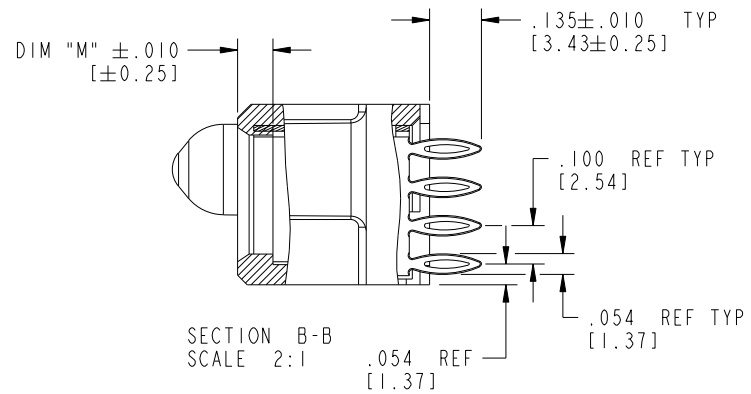
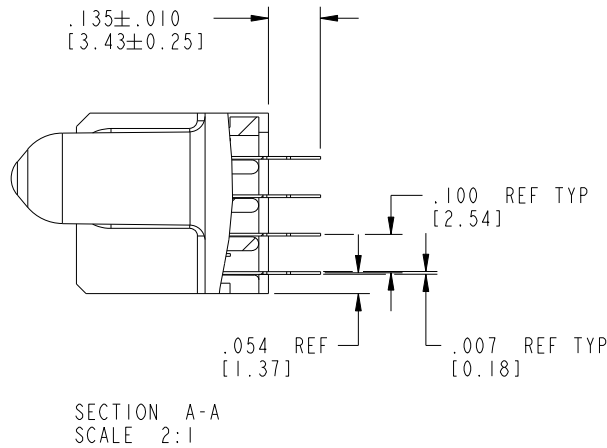


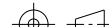
CODE	DIM "M"	MATING LENGTH	CONTACT TYPE
F	N/A	[N/A]	SIGNAL
PC	.042	[1.07]	POWER
PF	.092	[2.34]	POWER
HA	N/A	[N/A]	HOLD-DOWN

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



PRODUCT NUMBER
51750-048__
NOTE: 3



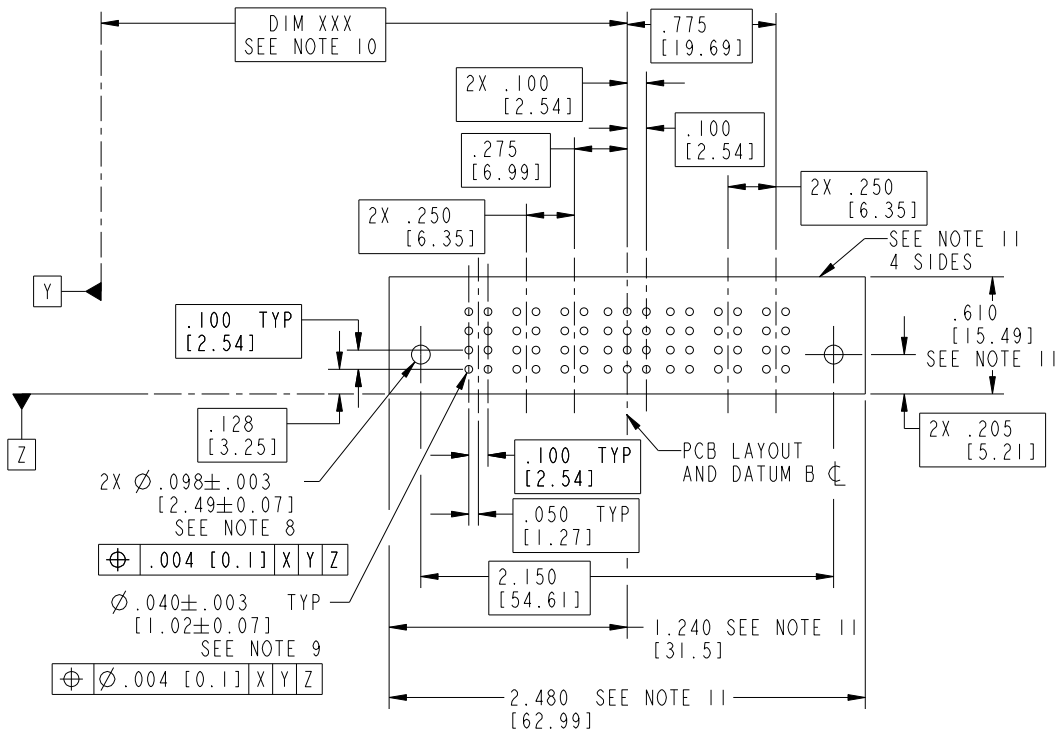
mat'l code				SEE NOTE 2				tolerances unless otherwise specified				CUSTOMER				 www.fciconnect.com				
litr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3				COPY				title 3P + 12S + 3P VERTICAL PRESS-FIT RECEPT							
C					.XXX±.005/0.XX±0.13				projection											
					.XXX±.0020/0.XXX±0.051															
				angles	0°±2°								product family PwrBlade				code			
				dr	T. BRUNGARD		05/07/03		INCH/MM				size		dwg no		213			
				enrg	M. MOSTOLLER		05/07/03		scale 1:1				A		51750-048		sheet 2 of 4			
				chr	M. MOSTOLLER		05/07/03													
				appd	M. MOSTOLLER		05/07/03													
sheet index		revision sheet																		



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PRODUCT NUMBER
51750-048__
NOTE: 3



RECOMMENDED PCB LAYOUT

mat'l code				SEE NOTE 2				tolerances unless otherwise specified				CUSTOMER			
litr	ecr no.	dr	date	linear				.XX±.01/0.X±0.3				COPY			
C				angles				.XXX±.005/0.XX±0.13				projection			
								.XXX±.002/0.XXX±0.051							
								0°±2°							
				dr	T. BRUNGARD	05/07/03									
				enr	M. MOSTOLLER	05/07/03									
				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
size dwg no 213
A 51750-048
sheet 3 of 4

STATUS: Released

Printed: Dec 20, 2010

Pro/E

PDM: Rev: C

cage code 22506

4



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		FCI			
ltr	ecn no.	dr	date					COPY		www.fciconnect.com			
C				linear		.XX $\pm$.01 / 0.X $\pm$ 0.3		projection		title 3P + 12S + 3P			
						.XXX $\pm$.005 / 0.XX $\pm$ 0.13				VERTICAL PRESS-FIT RECEPT			
				angles		.XXXX $\pm$.0020 / 0.XXX $\pm$ 0.051				product family PwrBlade			
						0° $\pm$ 2°				code 213			
				dr		T. BRUNGARD 05/07/03		INCH/MM		size			
				enrg		M. MOSTOLLER 05/07/03				dwg no			
				chr		M. MOSTOLLER 05/07/03		scale		A 51750-048			
				appd		M. MOSTOLLER 05/07/03		1:1		sheet 4 of 4			
sheet index		revision sheet											

B

B

1 | 2

Pro/E

PDM: Rev: C

STATUS: Released

Printed: Dec 20, 2010

Mouser Electronics

Authorized Distributor

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