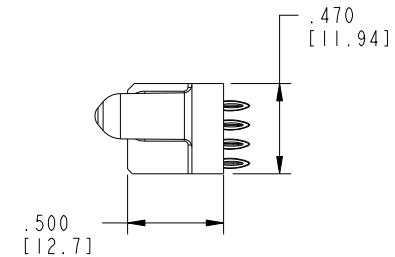
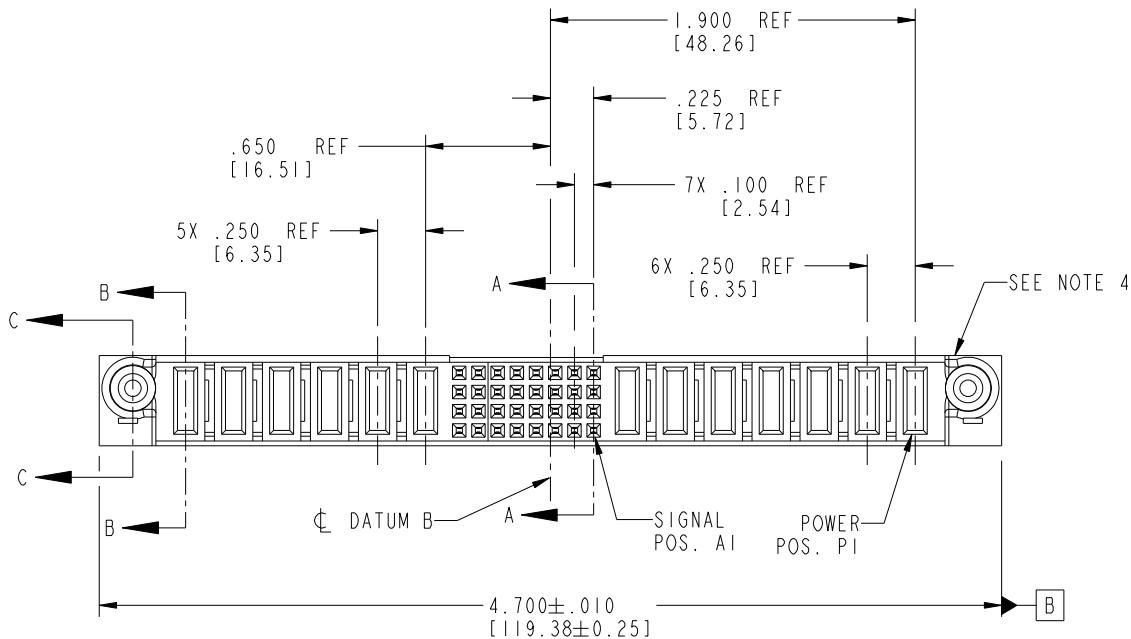


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										1										2																				3										4									
PRODUCT NO.	ROWS	POWER							SIGNAL								POWER																																										
		E2	P13	P12	P11	P10	P9	P8	8	7	6	5	4	3	2	1	P7	P6	P5	P4	P3	P2	P1		E1																																		
51750-070-- NOTE ③	D C B A		PF	PF	PC	PC	PF	PF	F	F	F	F	F	F	F	F	PF	PF	PF	PF	PC	PC	PC																																				



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

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		projection 		title 7P + 32S + 6P VERTICAL PRESSFIT RECEPT	product family PwrBlade			code
A	DG05-0221	LH	07/13/05		.XXX±.005/0.XX±0.13					size	dwg no	213	
B	DG08-0251	W D	09/13/08		.XXXX±.0020/0.XXX±0.051					A 51750-070		sheet 1 of 4	
				angles	0°±2°		scale 1:1						
				dr	LH	07/13/05							
				enrg	LH	07/13/05							
				chr	VICTOR LIN	07/13/05							
				appd	JOSEPH HSIA	07/13/05							
sheet index		revision sheet		B	B	B	B						
				1	2	3	4						

Pro/E

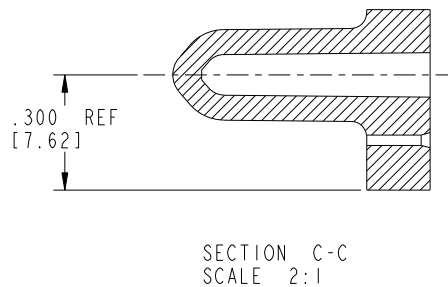
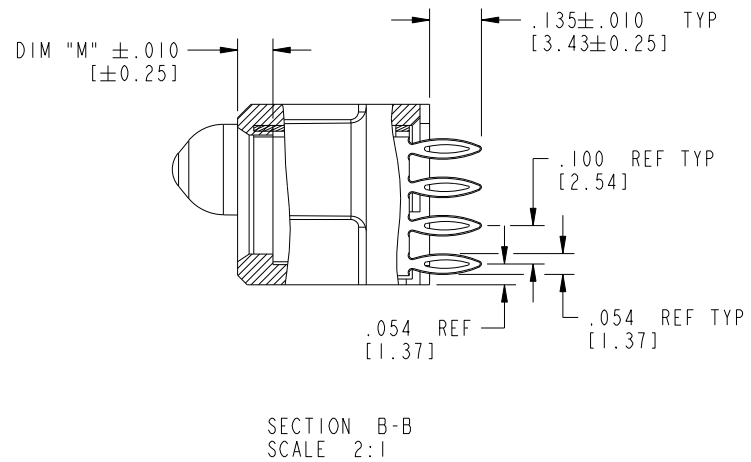
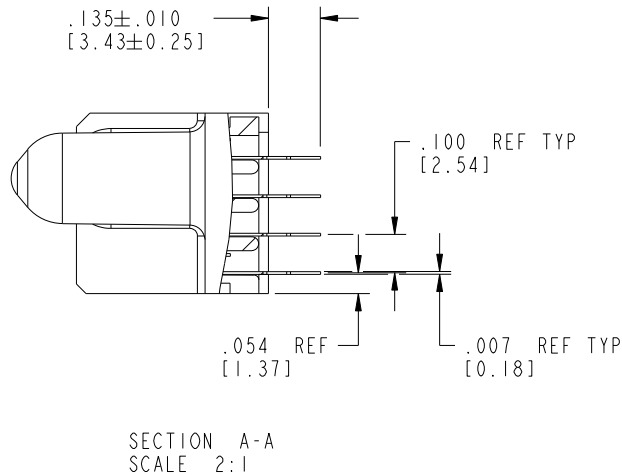
PDM: Rev:B

STATUS: Released

Printed: Dec 20, 2010



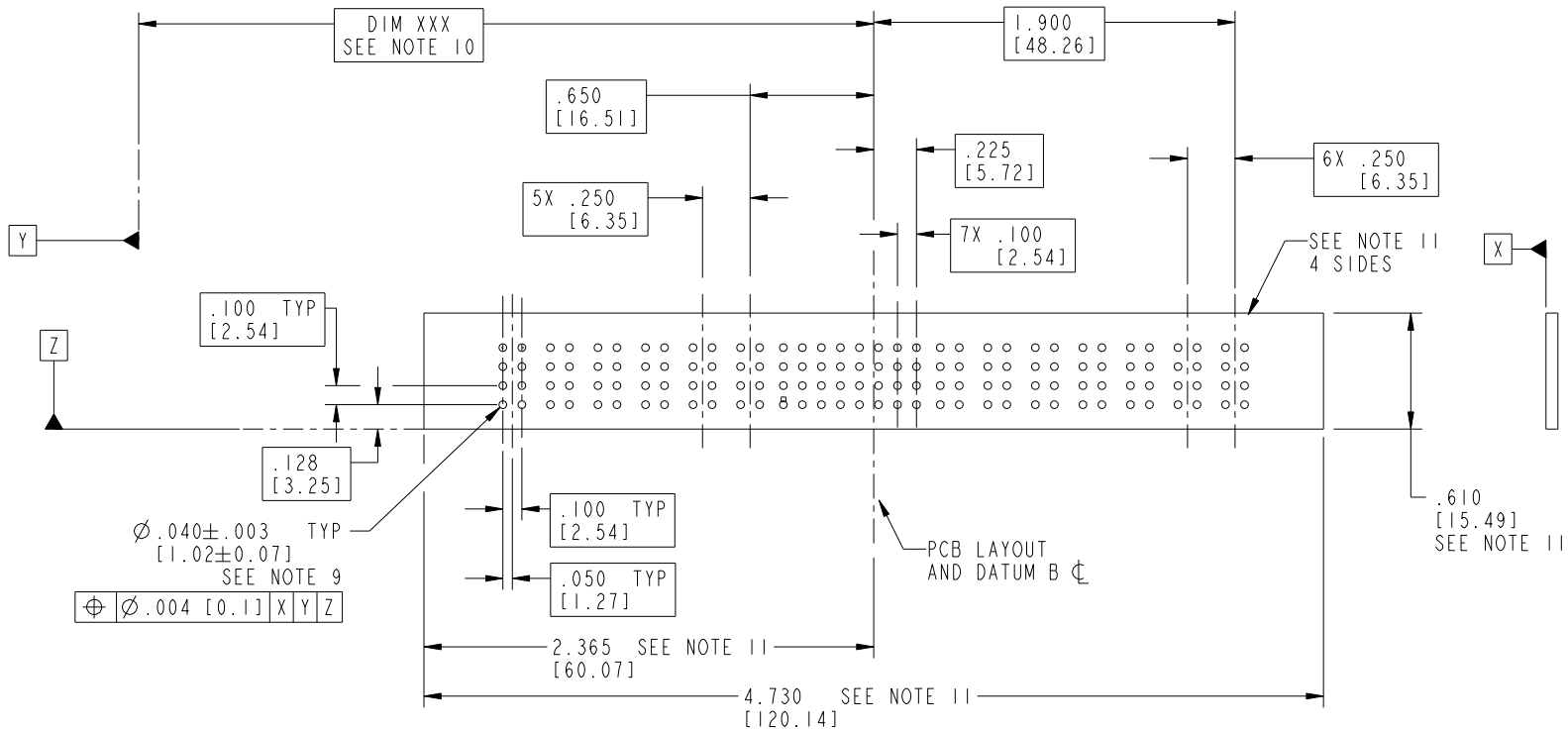
PRODUCT NUMBER
51750-070
NOTE ③



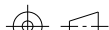
mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		FCI	
litr	ecr no.	dr	date	linear	angles	dr	enrg	chr	appd	copy	title
B				.XX±.01/0.X±0.3		LH	LH	VICTOR LIN	JOSEPH HSIA	projection	7P + 32S + 6P
				.XXX±.005/0.XX±0.13						INCH/MM	VERTICAL PRESSFIT RECEPT
				.XXXX±.0020/0.XXX±0.051	0°±2°					scale	product family
										1:1	PwrBlade
											size
											dwg no
											51750-070
											code
											213
											sheet
											2 of 4
sheet index	revision sheet										



PRODUCT NUMBER
51750-070--
NOTE ③



RECOMMENDED PCB LAYOUT

mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER			
ltr	ecr no.	dr	date	linear	.XX±.01/0.X±0.3		COPY		www.fciconnect.com		
B					.XXX±.005/0.XX±0.13		projection 	title 7P + 32S + 6P			
					.XXX±.0020/0.XXX±0.051			VERTICAL PRESSFIT RECEPT			
				angles	0°±2°		INCH/MM 	product family PwrBlade		code	
				dr	LH	07/13/05		size	dwg no	213	
				enrg	LH	07/13/05				sheet	
				chr	VICTOR LIN	07/13/05				3 of 4	
				appd	JOSEPH HSIA	07/13/05	scale 1:1	A 51750-070			
sheet index		revision sheet									



1 | 2

3 |

4

PRODUCT NUMBER
51750-070__
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

(B) 3. SEE ITEM 7 & 8 IN PRINT 10064183 FOR PLATING SPEC OF 51750-070 AND 51750-070LF 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 (B) 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		www.fciconnect.com		
ltr	ecn no.	dr	date	linear	$.XX \pm .01 / 0.X \pm 0.3$		COPY		projection	title			7P + 32S + 6P VERTICAL PRESSFIT RECEPT	
B					$.XXX \pm .005 / 0.XX \pm 0.13$					product family				code
					$.XXX \pm .0020 / 0.XXX \pm 0.051$					PwrBlade				213
				angles	$0^\circ \pm 2^\circ$		INCH/MM			size			sheet	
				dr	LH	07/13/05	scale			A			4 of 4	
				enrg	LH	07/13/05				51750-070				
				chr	VICTOR LIN	07/13/05								
				appd	JOSEPH HSIA	07/13/05								
sheet index	revision sheet													

A

A

B

B

1 | 2

Pro/E

PDM: Rev:B

STATUS: Released

Printed: Dec 20, 2010

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

FCI / Amphenol:

[51770-002LF](#) [51783-001LF](#) [51736-005LF](#) [51710-046LF](#) [51730-194LF](#) [5172110007205ABL](#) [51731082L](#)
[51939649L](#) [51939662L](#) [51866-056LF](#) [51939-992P](#) [51770-006LF](#) [51730-123PGSALF](#) [51940-529AULF](#) [51939-](#)
[841LF](#) [51777-004LUBLF](#) [51711-010LF](#) [51777-005LUBLF](#) [5172211000800ABL](#) [5176410301611A0L](#) [51710-049LF](#)
[5172210704000AAL](#) [51752-017PGSALF](#) [51730-234STLF](#) [51712019L](#) [51732075L](#) [5174010101201AAL](#) [51939642L](#)
[51750-089PGSALF](#) [51952-120LF](#) [51921-013LF](#) [5174010602004AAL](#) [5176211000800ABL](#) [51773017L](#) [51711-011LF](#)
[51963-058LF](#) [51939663L](#) [51752-006PGSALF](#) [51770-055LF](#) [51710052L](#) [51939636L](#) [51927-009PGSALF](#) [51730-](#)
[215STLF](#) [51712-012GXTLF](#) [51777-002LUBLF](#) [51710-063A50N100LF](#) [51710-032AU50](#)