

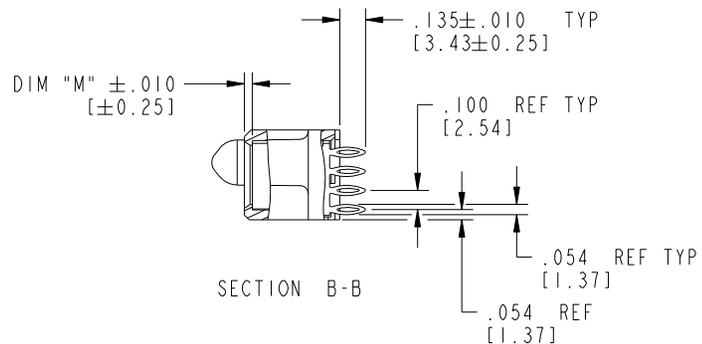
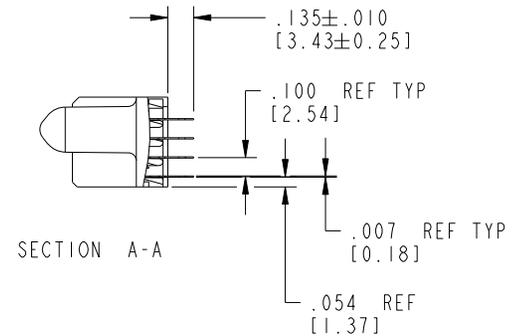
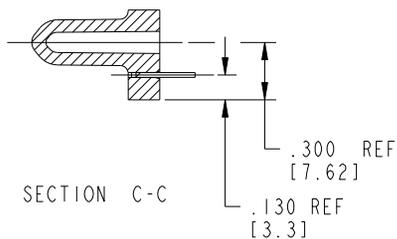
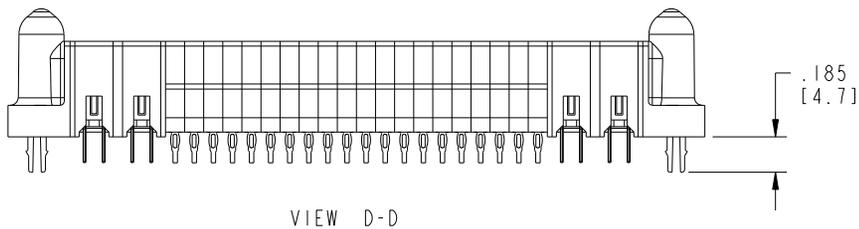


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PRODUCT NUMBER  
51750-052\_\_



mat'l code		SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		FCI	
ltr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3	projection	www.fciconnect.com		
B				linear	.XX±.005/0.XX±0.13		title 2P + 80S + 2P		
				linear	.XXX±.0020/0.XXX±0.051		VERTICAL PRESS-FIT RECEPTACLE		
				angles	0° ± 2°		product family PwrBlade		code
				dr	D. INGRAM 09/16/03		size		213
				enrg	M. MOSTOLLER 09/16/03	dwg no		sheet	
				chr	M. MOSTOLLER 09/16/03	A 51750-052		2	
				appd	M. MOSTOLLER 09/16/03	scale 1:1			
sheet index	revision sheet								

Pro/E

PDM: Rev: B

STATUS: Released

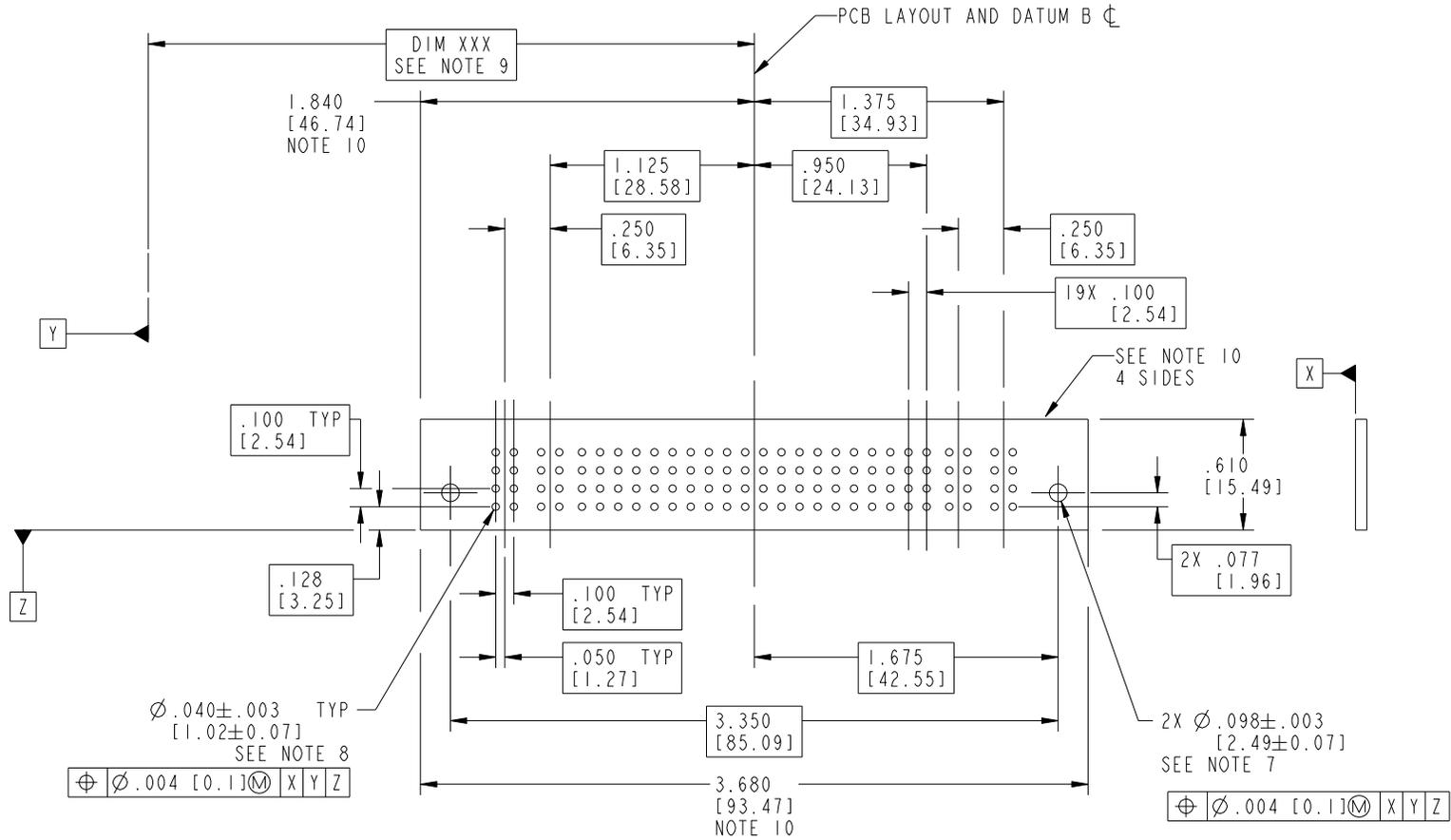
Printed: Dec 20, 2010

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PRODUCT NUMBER  
51750-052\_\_



RECOMMENDED PCB LAYOUT

mat'l code		SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		FCI	
lfr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3	projection	www.fciconnect.com		
B				angles	.XXY±.005/0.XX±0.13	INCH/MM	title 2P + 80S + 2P		
				dr	.XXX±.0020/0.XXX±0.051	scale	VERTICAL PRESS-FIT RECEPTACLE		
				enr	0° ± 2°	1:1	product family PwrBlade		code 213
				chr	D. INGRAM 09/16/03		size	dwg no	sheet 3
				appd	M. MOSTOLLER 09/16/03		A 51750-052		
					M. MOSTOLLER 09/16/03				
sheet index	revision sheet								

Pro/E

PDM: Rev: B

STATUS: Released

Printed: Dec 20, 2010

PRODUCT NUMBER
51750-052__

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 51750-052 AND 51750-052LF RESPECTIVELY.

④ MANUFACTURER'S NAME, P/N, AND DATE CODE TO APPEAR ON THIS SURFACE.  
 5. PRODUCT SPECIFICATION GS-12-149.

PCB NOTES:

⑥ ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE.  
 ⑦ MOUNTING HOLES, WHERE APPLICABLE, ARE UNPLATED.  
 ⑧  $\varnothing .0453 \pm 0.0010$  [1.151  $\pm$  0.025] DRILLED HOLES PLATED WITH  
 0.0003 [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.

⑨ "DIM XXX" TO BE DETERMINED BY THE CUSTOMER.

⑩ CONNECTOR KEEP-OUT ZONE.

11. A ⚠ SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.

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mat'l code		SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		FCI		www.fciconnect.com	
ltr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3	projection	COPY		title		
B					.XX±.005/0.XX±0.13				2P + 80S + 2P		
				angles	.XXX±.0020/0.XXX±0.051	$0^\circ \pm 2^\circ$			VERTICAL PRESS-FIT RECEPTACLE		
				dr	D. INGRAM 09/16/03		product family		PwrBlade		code
				engr	M. MOSTOLLER 09/16/03	scale	size		dwg no		213
				chr	M. MOSTOLLER 09/16/03	1:1	A		51750-052		sheet
				appd	M. MOSTOLLER 09/16/03						4
sheet index	revision sheet										

# Mouser Electronics

Authorized Distributor

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

FCI:

[51750-052](#) [51750-052LF](#)