

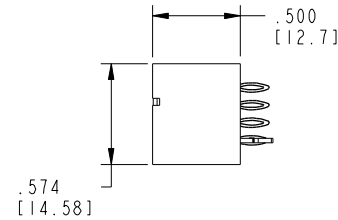
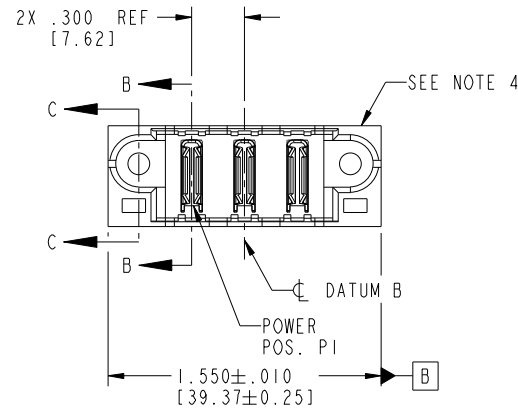





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CODE	DIM "M" MATING LENGTH		CONTACT TYPE
PC	[N/A]	[N/A]	POWER
HA	N/A	[N/A]	HOLD-DOWN

PRODUCT NO.	POWER				
	E1	P1	P2	P3	E2
51952-121-- NOTE ③		PC	PC	PC	



mat'l code				SEE NOTE 2				tolerances unless otherwise specified				CUSTOMER				 www.fciconnect.com			
litr	ecr no.		dr	date		linear	$.XX \pm .01 / 0.X \pm 0.3$				COPY								
A	DG07-0321		JC	08/07/07			$.XXX \pm .005 / 0.XX \pm 0.13$				projection								
							$.XXX \pm .0020 / 0.XXX \pm 0.051$				INCH/MM								
						angles	$0^\circ \pm 2^\circ$								title				
						dr	Jerome Chen		07/10/07		product family				3ACP				
						enrg	Jerome Chen		07/10/07		PwrBlade				code				
						chr	Gary Hsieh		07/10/07		scale				213				
						appd	Joseph Hsia		07/10/07		A				51952-121				
sheet index		revision sheet		A	A	A	A												
				1	2	3	4												
																	sheet		
																	1 of 4		

cage code 22526

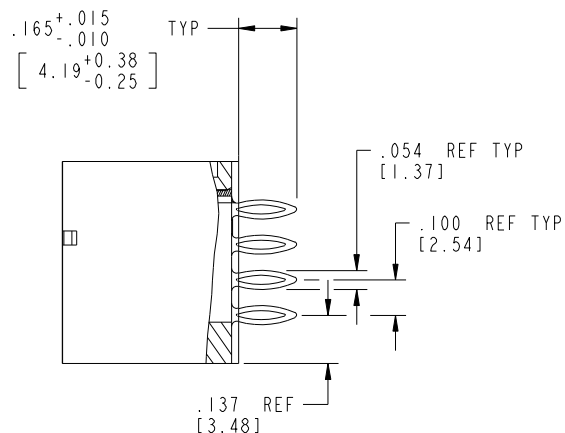
Pro/E



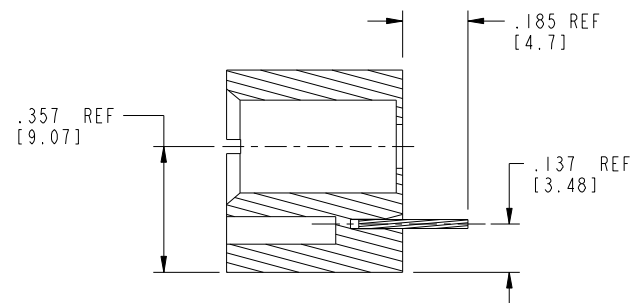
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

PRODUCT NUMBER  
51952-121--  
NOTE ③



SECTION B-B  
SCALE 2:1



SECTION C-C  
SCALE 2:1

mat'l code				SEE NOTE 2				tolerances unless otherwise specified				CUSTOMER				 www.fciconnect.com			
litr	ecn no.	dr	date	linear	$.XX \pm .01 / 0.X \pm 0.3$				COPY					title 3ACP VERTICAL PRESS-FIT HEADER					
A					$.XXX \pm .005 / 0.XX \pm 0.13$				projection										
					$.XXX \pm .0020 / 0.XXX \pm 0.051$														
				angles	$0^\circ \pm 2^\circ$														
				dr	Jerome Chen		07/10/07		INCH/MM				product family		PwrBlade		code		
				enrg	Jerome Chen		07/10/07						size		dwg no		213		
				chr	Gary Hsieh		07/10/07						scale		A		51952-121		sheet
				appd	Joseph Hsia		07/10/07								2 of 4				
sheet index		revision sheet																	

Pro/E

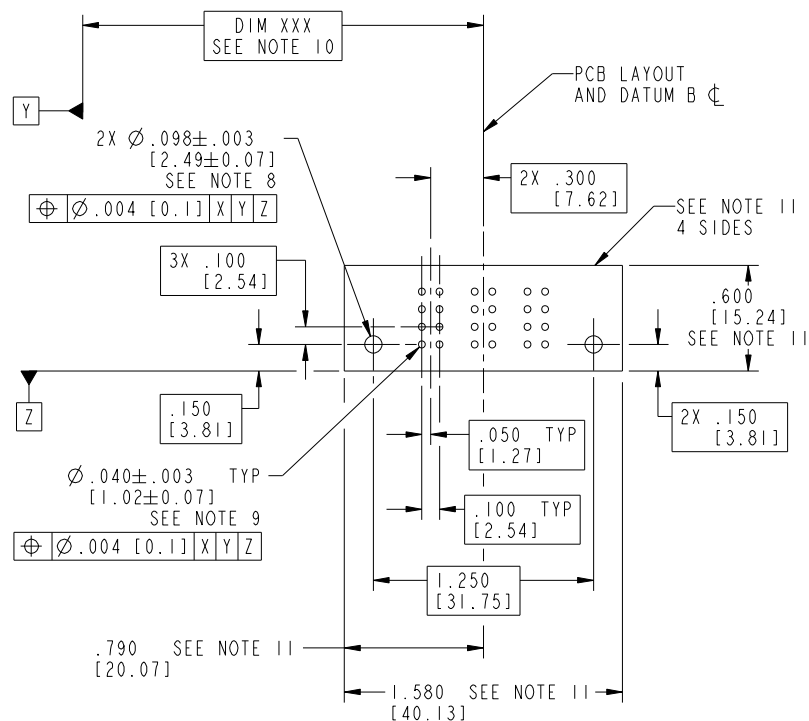
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PRODUCT NUMBER  
51952-121--  
NOTE 3



RECOMMENDED PCB LAYOUT

mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		FCI	
litr	ecn no.	dr	date					COPY		www.fciconnect.com	
A				linear		.XX±.01/0.X±0.3		projection		title 3ACP	
						.XXX±.005/0.XX±0.13				VERTICAL PRESS-FIT HEADER	
				angles		.XXX±.0020/0.XXX±0.051				product family PwrBlade	
				dr	Jerome Chen	07/10/07		INCH/MM		size	code 213
				enr	Jerome Chen	07/10/07		scale		dwg no	sheet 3 of 4
				chr	Gary Hsieh	07/10/07		1:1		51952-121	
				appd	Joseph Hsia	07/10/07					
sheet index	revision sheet										

Pro/E

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PRODUCT NUMBER
51952-121--
NOTE <sup>(3)</sup>

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. PLATING:  
SEE PRINT 10064183 FOR PLATING SPEC OF 51952-121; 51952-121LF
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 OR Sn 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.FOR PRESS FIT APPLICATION USE FCI  
CAM TOOL 430169-038.

mat'l code				SEE NOTE 2				tolerances unless otherwise specified				CUSTOMER								www.fciconnect.com													
litr		ecn no.		dr		date		linear		.XX $\pm$ .01/0.X $\pm$ 0.3				COPY																			
A										.XXX $\pm$ .005/0.XX $\pm$ 0.13				projection												title							
										.XXX $\pm$ .0020/0.XXX $\pm$ 0.051				INCH/MM												3ACP							
								angles		0 $^{\circ}$ $\pm$ 2 $^{\circ}$								VERTICAL PRESS-FIT HEADER															
										dr Jerome Chen 07/10/07																product family PwrBlade				code			
										enrg Jerome Chen 07/10/07																size dwg no				213			
								appd		chr Gary Hsieh 07/10/07				scale 1:1				A 51952-121															
										Joseph Hsia 07/10/07																sheet							
																										4 of 4							
sheet index		revision sheet																															

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# Mouser Electronics

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[51952-121LF](#)