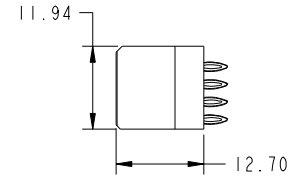
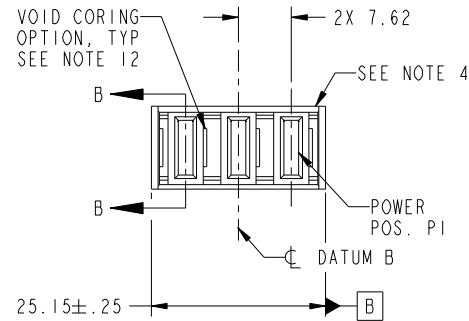


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PRODUCT NO.	POWER		
	P3	P2	P1
51940-254-- NOTE: 3	PF	PF	PC



CODE	DIM "M" MATING LENGTH	CONTACT TYPE
PF	[2.34]	POWER
PC	[1.07]	POWER

mat'l code				SEE NOTE		tolerances unless otherwise specified		CUSTOMER		FCI	
litr	ecn no.	dr	date					COPY			www.fciconnect.com
A	DG09-0209	JC	02-Jul-09	linear		0.X ±0.5		projection		title	3ACP
						0.XX ±0.25				VERTICAL PRESS-FIT RECEPT	
				angles		0.XXX ±0.10				product family	PwrBlade
				dr	Jerome Chen	06/18/08		MIM		code	213
				enrg	Jerome Chen	06/18/08				size	dwg no
				chr	Gary Hsieh	06/18/08		scale		A	51940-254
				appd	Joseph Hsieh	06/18/08		1:1		sheet	1 of 4
sheet index	revision sheet	A	A	A	A						
		1	2	3	4						

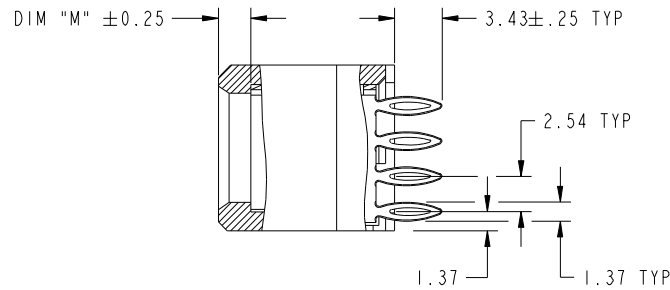
cage code 22526

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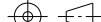
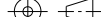


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PRODUCT NUMBER
51940-254--
NOTE: 3



SECTION B-B
SCALE 2:1

mat'l code				SEE NOTE		tolerances unless otherwise specified		CUSTOMER				www.fciconnect.com	
litr	ecn no.	dr	date	linear	0.X ±0.5		COPY			title 3ACP VERTICAL PRESS-FIT RECEPT			
A					0.XX ±0.25		projection						
					0.XXX ±0.10								
				angles	0° ±2°								
				dr	Jerome Chen	06/18/08			product family		PwrBlade		code
				enrg	Jerome Chen	06/18/08			size		dwg no		213
				chr	Gary Hsieh	06/18/08	scale		A		51940-254		sheet
				appd	Joseph Hsieh	06/18/08	1:1						2
sheet index	revision sheet												

Pro/E

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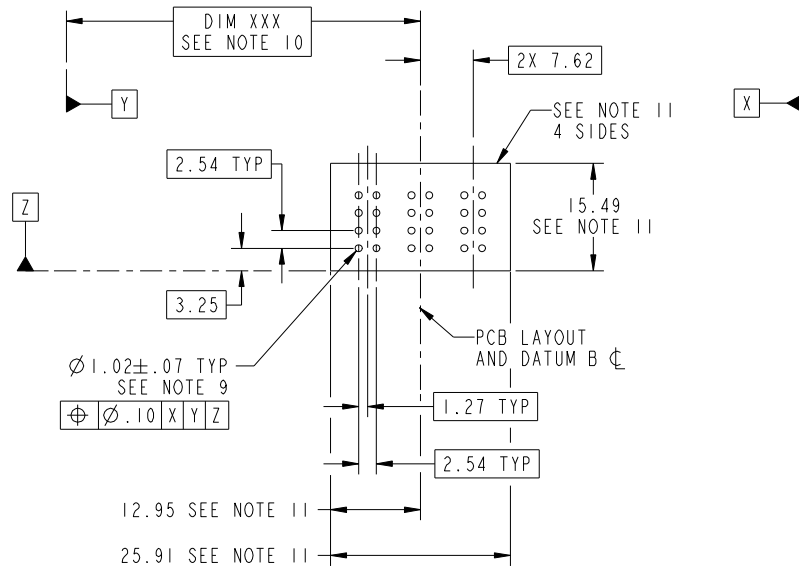
PRODUCT NUMBER

51940-254--
NOTE: 3

1 | 2

3 |

4



RECOMMENDED PCB LAYOUT

mat'l code				SEE NOTE				tolerances unless otherwise specified				CUSTOMER								www.fciconnect.com					
litr	ecn no.		dr	date	linear	0.X ± 0.5				COPY					title 3ACP VERTICAL PRESS-FIT RECEPT										
A						0.XX ± 0.25				projection															
						0.XXX ± 0.10																			
					angles	0° ± 2°																			
					dr	Jerome Chen		06/18/08						product family				PwrBlade				code			
					enrg	Jerome Chen		06/18/08						size				dwg no				213			
					chr	Gary Hsieh		06/18/08						scale				A				51940-254			
					appd	Joseph Hsieh		06/18/08														3			
sheet index		revision sheet																							

1 | 2

Pro/E

3 |

cage code 22526

4

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PRODUCT NUMBER
51940-254-- 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. PLATING SPEC.
SEE ITEM 7 & 8 IN PRINT 10064183 FOR PLATING SPEC OF 51940-254 AND 51940-254LF 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) $\varnothing 1.151 \pm 0.025$ DRILLED HOLES PLATED WITH
0.008 MIN SnPb OR Sn OVER 0.03
TO 0.08 Cu PLATING TO ACHIEVE
 $\varnothing 1.02 \pm .07$ HOLE.
- (10) "DIM XXX" TO BE DETERMINED BY THE CUSTOMER.
- (11) CONNECTOR KEEP-OUT ZONE.
12. THE VOID CORING IN BETWEEN POWER MODULES,
SIGNAL MODULES AND END MODULES ARE OPTIONAL
AND THE SHAPE MAY BE DIFFERENT FOR OPTIMIZING
THE MOLDING PROCESS. THE VOID CORING WILL NOT
EFFECT TO PRODUCT FUNCTION.

mat'l code				SEE NOTE				tolerances unless otherwise specified				CUSTOMER				 www.fciconnect.com								
ltr	ecn no.		dr	date		linear	0.X ± 0.5				COPY				title 3ACP VERTICAL PRESS-FIT RECEPT									
A							0.XX ± 0.25																	
							0.XXX ± 0.10																	
						angles	0° ± 2°								product family PwrBlade				code					
						dr	Jerome Chen		06/18/08						MM 				size		dwg no		213	
						engr	Jerome Chen		06/18/08										scale		A		51940-254	
						chr	Gary Hsieh		06/18/08															
						appd	Joseph Hsieh		06/18/08															
sheet index		revision sheet																						

cage code 22526