

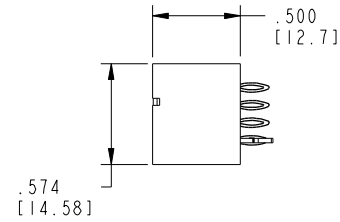
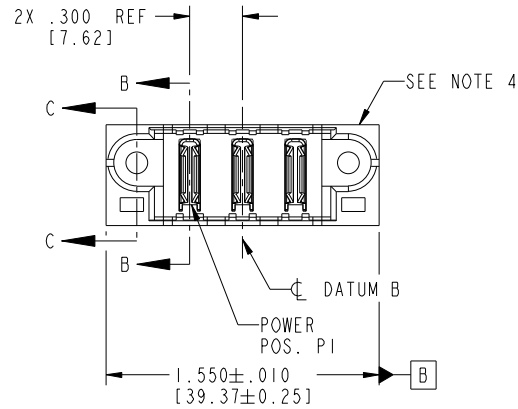


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CODE	DIM "M" MATING LENGTH		CONTACT TYPE
PC	[N/A]	[N/A]	POWER
HA	N/A	[N/A]	HOLD-DOWN

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		FCI		www.fciconnect.com	
litr	ecn no.	dr	date			linear	.XX±.01/0.X±0.3	COPY		projection		title	3ACP
A	DG07-0321	JC	08/07/07				.XXX±.005/0.XX±0.13					product family	PwrBlade
						angles	.XXX±.0020/0.XXX±0.051					size	213
							0°±2°					dwg no	51952-121
						dr	Jerome Chen 07/10/07					sheet	1 of 4
						enrg	Jerome Chen 07/11/07						
						chr	Gary Hsieh 07/10/07						
						appd	Joseph Hsia 07/10/07						
sheet index	revision	A	A	A	A								
	sheet	1	2	3	4								

sheet index

revision sheet

A

A

A

A

Pro/E

Pro/E

3

cage code 22526

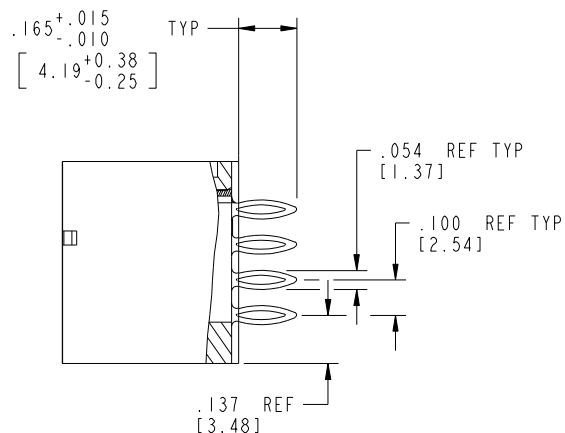
4



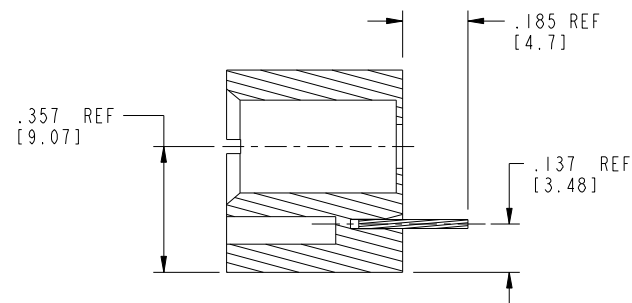
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PRODUCT NUMBER
51952-121--
NOTE ③



SECTION B-B
SCALE 2:1



SECTION C-C
SCALE 2:1

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

Pro/E

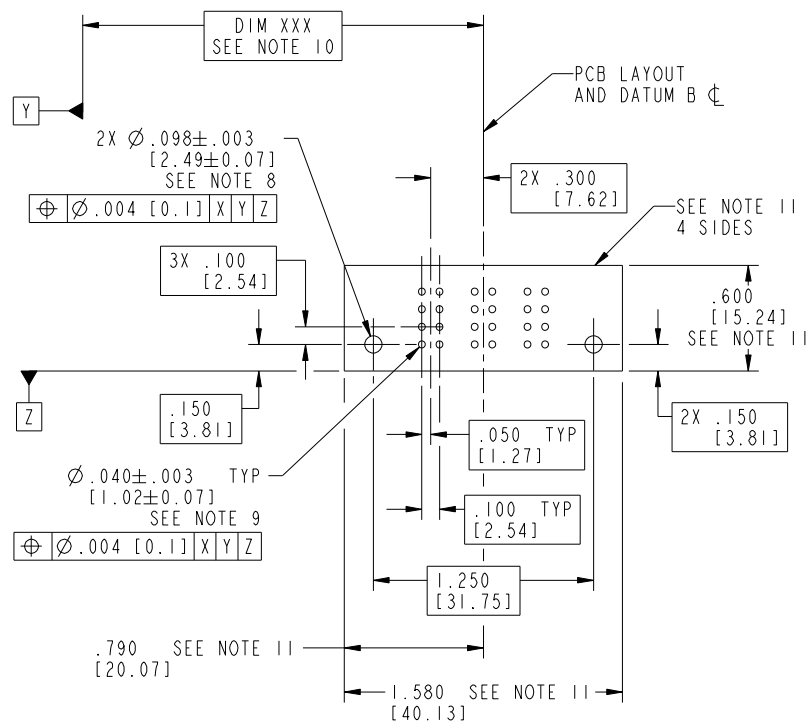
cage code 22526



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PRODUCT NUMBER
51952-121--
NOTE 3



RECOMMENDED PCB LAYOUT

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

Pro/E

cage code 22526

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A



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B

1 | 2

3 |

4

PRODUCT NUMBER
51952-121--
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:
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		FCI			
ltr	ecn no.	dr	date	linear	angles	.XX $\pm$.01 / 0.X $\pm$ 0.3		COPY		www.fciconnect.com			
A						.XXX $\pm$.005 / 0.XX $\pm$ 0.13		projection		title			
						.XXX $\pm$.0020 / 0.XXX $\pm$ 0.051				3ACP			
						0° $\pm$ 2°		INCH/MM		VERTICAL PRESS-FIT HEADER			
				dr		Jerome Chen	07/10/07			product family		PwrBlade	code
				enrg		Jerome Chen	07/10/07			size	dwg no	213	sheet
				chr		Gary Hsieh	07/10/07	scale		A		51952-121	
				appd		Joseph Hsia	07/10/07						
sheet index		revision sheet											

A

B

1 | 2

Pro/E

3 |

cage code 22526

4