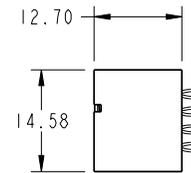
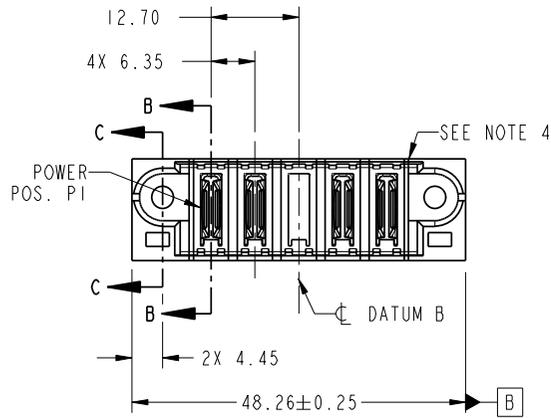


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PRODUCT NO.	POWER						E2
	E1	P1	P2	P3	P4	P5	
51713-002-- NOTE③							



CODE	DIM "M" MATING LENGTH	CONTACT TYPE
PC	[N/A]	POWER
X	OMITTED	OMITTED

mat'l code				tolerances unless otherwise specified		CUSTOMER		FCI	
ltr	ecn no.	dr	date	linear	projection	COPY		www.fciconnect.com	
A	DG10-0432	HZ	12/02/10	0.X ±0.5		title		5P	
				0.XX ±0.25		VERTICAL PRESS-FIT HEADER			
				angles		product family		PwrBlade	
				0° ±2°	MM	size		dwg no	
				dr	1:1	A		51713-002	
				engr		sheet		213	
				chr		1 of 4			
				appd					
sheet index	revision sheet	A	A	A	A				
		1	2	3	4				

cage code 22526

Pro/E

PDM: Rev:A

STATUS: Released

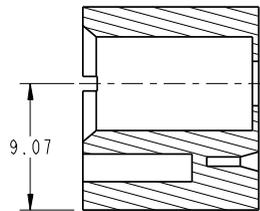
Printed: Dec 22, 2010

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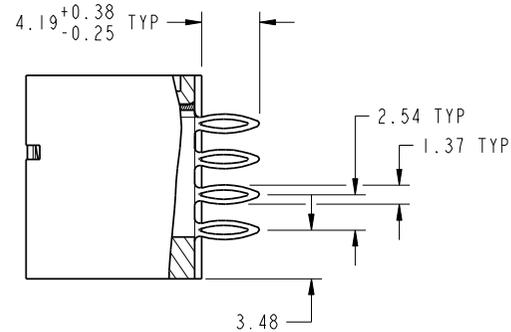
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PRODUCT NUMBER  
51713-002\_\_  
NOTE 3



SECTION C-C  
SCALE 2:1



SECTION B-B  
SCALE 2:1

mat'l code				tolerances unless otherwise specified		CUSTOMER		FCI	
lfr	ecn no.	dr	date	linear	0.X ±0.5	COPY		www.fciconnect.com	
A				linear	0.XX ±0.25	projection	title		
				angles	0.XXX ±0.1			5P	
				dr	0° ±2°			VERTICAL PRESS-FIT HEADER	
				engr	Helen Zhang 12/02/10	MM		product family	PwrBlade
				chr	Jerome Chen 12/14/20	1:1		size	dwg no
				appd	PM ZHENG 12/02/10			A	51713-002
					JOSEPH HSIA 12/02/10			code	213
sheet index	revision sheet							sheet	2 of 4

cage code 22526

Pro/E

PDM: Rev:A

STATUS: Released

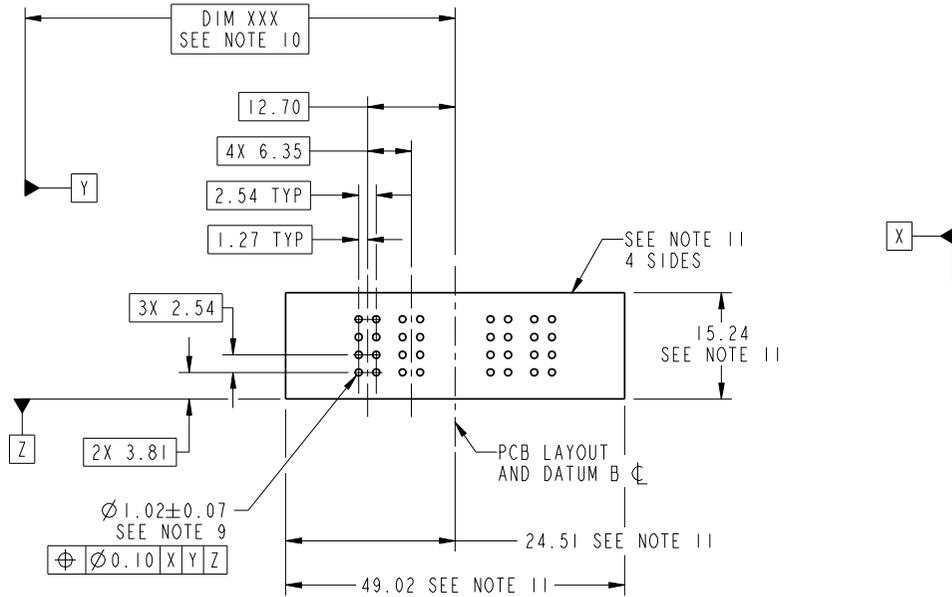
Printed: Dec 22, 2010

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PRODUCT NUMBER  
51713-002\_\_  
NOTE 3



RECOMMENDED PCB LAYOUT

mat'l code				tolerances unless otherwise specified		CUSTOMER		FCI	
lfr	ecn no.	dr	date	linear	0.X ± 0.5	COPY		www.fciconnect.com	
A				linear	0.XX ± 0.25	projection	title		
				angles	0.XXX ± 0.1		5P		
				dr	0° ± 2°		VERTICAL PRESS-FIT HEADER		
				engr	Helen Zhang 12/02/10	MM	product family	PwrBlade	code
				chr	Jerome Chen 12/14/20	1:1	size	dwg no	213
				appd	PM ZHENG 12/02/10		A	51713-002	sheet
sheet index	revision sheet								3 of 4



www.fciconnect.com

scale

1:1

A

51713-002

3 of 4

Pro/E

cage code 22526

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PRODUCT NUMBER  
51713-002..  
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. SEE ITEM 3 & 4 IN PRINT 10064183 FOR PLATING SPEC OF 51713-002 AND 51713-002LF RESPECTIVELY.
- 4 MANUFACTURER'S NAME, DATE CODE AND OPTIONAL P/N TO APPEAR ON THIS SURFACE. THE P/N CAN BE OMITTED IF THERE IS NOT ENOUGH SPACE 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 .001 [0.03] TO 0.08 Cu PLATING TO ACHIEVE  $\varnothing 1.02 \pm 0.07$  HOLE.
- 10 "DIM XXX" TO BE DETERMINED BY THE CUSTOMER.
- 11 CONNECTOR KEEP-OUT ZONE.

mat'l code				tolerances unless otherwise specified		CUSTOMER		FCI		www.fciconnect.com	
lfr	ecn no.	dr	date	linear	0.X ± 0.5	COPY		projection		title	
A					0.XX ± 0.25					5P	
				angles	0.XXX ± 0.1					VERTICAL PRESS-FIT HEADER	
				dr	0° ± 2°			MM		product family	PwrBlade
				engr	Helen Zhang 12/02/10			scale		size	code
				chr	Jerome Chen 12/14/20			1:1		dwg no	213
				appd	PM ZHENG 12/02/10			A		51713-002	sheet
					JOSEPH HSIA 12/02/10						4 of 4
sheet index	revision sheet										

Pro/E 3 cage code 22526 4