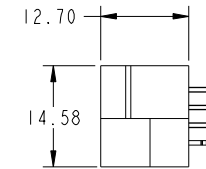
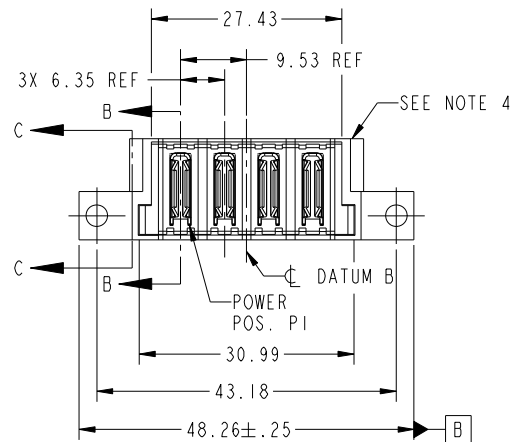
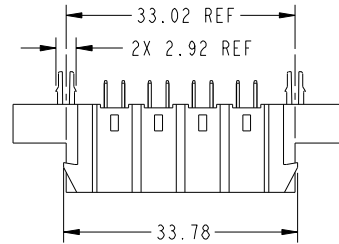


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PRODUCT NO.	POWER					
	E1	P1	P2	P3	P4	E2
51963-023		PA	PA	PA	PA	
NOTE ③						



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

mat'l code				tolerances unless otherwise specified		CUSTOMER		FCI	
ltr	ecn no.	dr	date	linear	0.X ±0.3	COPY		www.fciconnect.com	
A	DG07-0315	JMG	07/23/07		0.XX ±0.13	projection		title 4P VERTICAL SOLDER HEADER	
				angles	0.XXX ±0.051			product family PwrBlade code 213	
				dr	0° ±2°			size dwg no 51963-023 sheet 1 of 3	
				enrg	JM Guo 07/23/07	MIM			
				chr	Jerome Chen 07/23/07	scale 1:1			
				appd	Gary Hsieh 07/23/07				
					Joseph Hsia 07/23/07				
sheet index	revision sheet	A 1	A 2	A 3				cage code 22526	

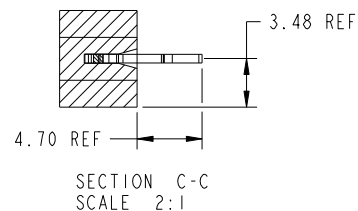
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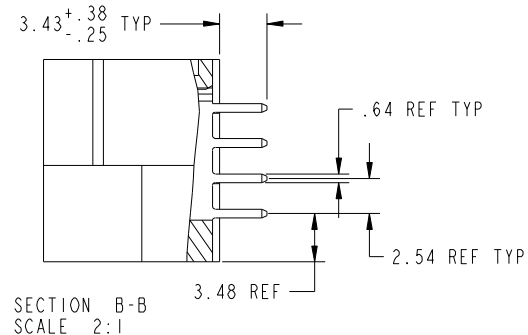
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PRODUCT NUMBER
51963-023--
NOTE 3

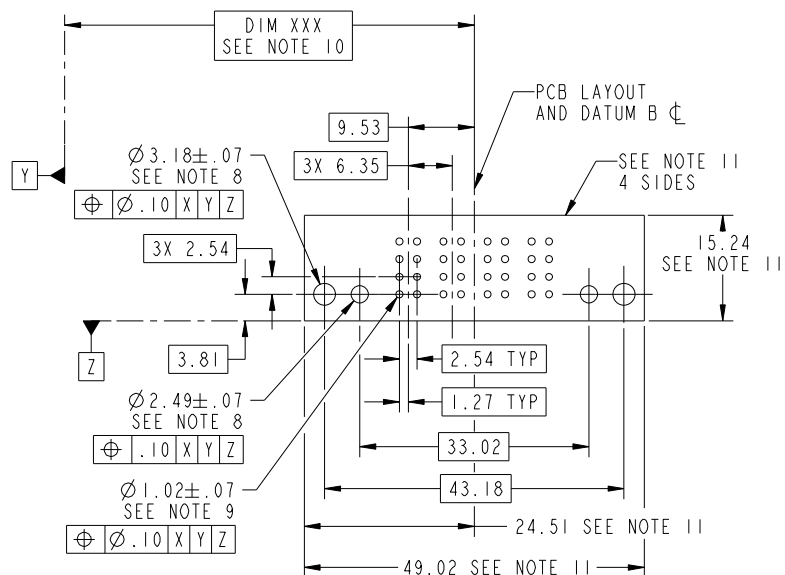
1 | 2



3 |



4



RECOMMENDED PCB LAYOUT

mat'l code				tolerances unless otherwise specified		CUSTOMER		FCI	
litr	ecn no.	dr	date	linear	0.X ± 0.3	COPY		www.fciconnect.com	
A				linear	0.XX ± 0.13	projection		title 4P	
				angles	0.XXX ± 0.051			VERTICAL SOLDER HEADER	
				dr	0° ± 2°			product family PwrBlade code 213	
				enrg	JM Guo 07/23/07			size dwg no 51963-023 sheet 2 of 3	
				chr	Jerome Chen 07/23/07				
				appd	Gary Hsieh 07/23/07				
					Joseph Hsia 07/23/07				
sheet index	revision sheet					scale 1:1		cage code 22526	

1 | 2

Pro/E

3 |

4

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PRODUCT NUMBER																																																																																														
51963-023-- 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: 51963-023 ,51963-023LF PLATING SPEC. WAS SHOWN IN THE PRINT OF 10064183.																																																																																														
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 .001 [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.																																																																																														
<table><tr><td colspan="4">mat'l code</td><td colspan="2">tolerances unless otherwise specified</td><td colspan="2">CUSTOMER</td><td colspan="2"></td></tr><tr><td>ltr</td><td>ecn no.</td><td>dr</td><td>date</td><td rowspan="3">linear</td><td colspan="2">0.X $\pm$ 0.3</td><td colspan="2">COPY</td><td rowspan="3">www.fciconnect.com</td></tr><tr><td>A</td><td></td><td></td><td></td><td colspan="2">0.XX $\pm$ 0.13</td><td colspan="2">projection</td></tr><tr><td></td><td></td><td></td><td></td><td colspan="2">0.XXX $\pm$ 0.050</td><td colspan="2"></td></tr><tr><td></td><td></td><td></td><td></td><td>angles</td><td colspan="2">0° $\pm$ 2°</td><td colspan="2"></td><td rowspan="5">product family PwrBlade</td></tr><tr><td></td><td></td><td></td><td></td><td>dr</td><td>JM Guo</td><td>07/23/07</td><td colspan="2">scale</td><td rowspan="4">size A</td></tr><tr><td></td><td></td><td></td><td></td><td>enrg</td><td>Jerome Chen</td><td>07/23/07</td><td colspan="2">1:1</td></tr><tr><td></td><td></td><td></td><td></td><td>chr</td><td>Gary Hsieh</td><td>07/23/07</td><td colspan="2"></td></tr><tr><td></td><td></td><td></td><td></td><td>appd</td><td>Joseph Hsia</td><td>07/23/07</td><td colspan="2"></td></tr><tr><td colspan="2">sheet index</td><td colspan="2">revision sheet</td><td></td><td></td><td></td><td></td><td></td><td></td></tr></table>		mat'l code				tolerances unless otherwise specified		CUSTOMER				ltr	ecn no.	dr	date	linear	0.X $\pm$ 0.3		COPY		www.fciconnect.com	A				0.XX $\pm$ 0.13		projection						0.XXX $\pm$ 0.050								angles	0° $\pm$ 2°				product family PwrBlade					dr	JM Guo	07/23/07	scale		size A					enrg	Jerome Chen	07/23/07	1:1						chr	Gary Hsieh	07/23/07							appd	Joseph Hsia	07/23/07			sheet index		revision sheet							
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