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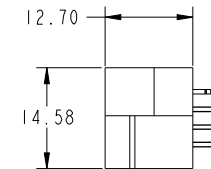
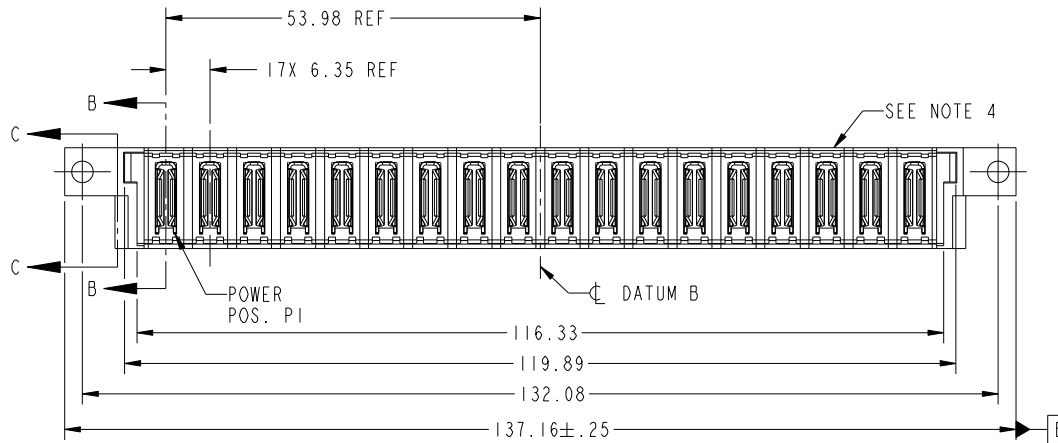
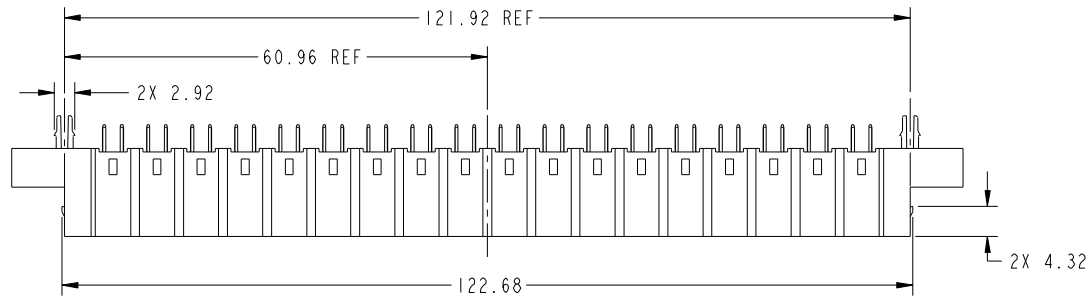
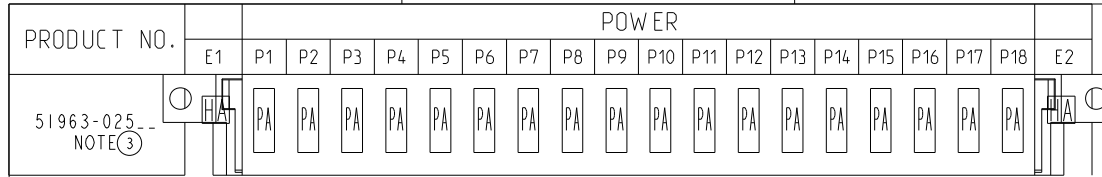


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A

B

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



A

B

mat'l code				tolerances unless otherwise specified		CUSTOMER		FCI	
litr	ecn no.	dr	date	linear	0.X ±0.3	COPY		www.fciconnect.com	
A	DG07-0397	JMG	09/07/07	linear	0.XX ±0.13	projection		title 18P VERTICAL SOLDER HEADER	
				angles	0.XXX ±0.051			product family PwrBlade code 213	
				dr	0° ±2°			size dwg no 51963-025 sheet 1 of 4	
				enrg	JM GUO 09/07/07	MIM			
				chr	JEROME CHEN 09/07/07	scale			
				appd	GARY HSIEH 09/07/07	1:1			
					JOSEPH HSIA 09/07/07				
sheet index	revision sheet	A 1	A 2	A 3	A 4			cage code 22526	

Pro/E

3

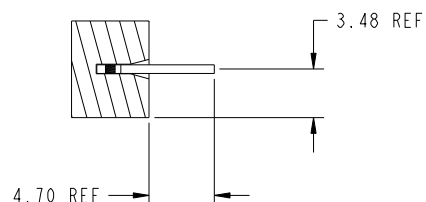
4

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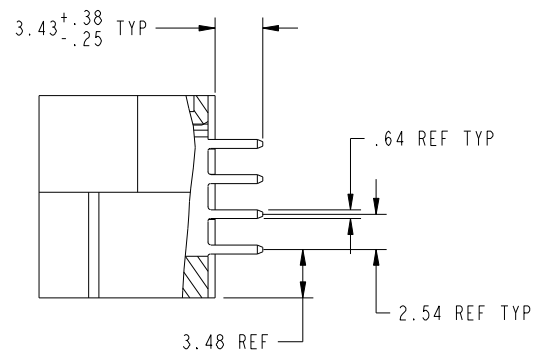


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PRODUCT NUMBER
51963-025--
NOTE 3



SECTION C-C
SCALE 2:1



SECTION B-B
SCALE 2:1

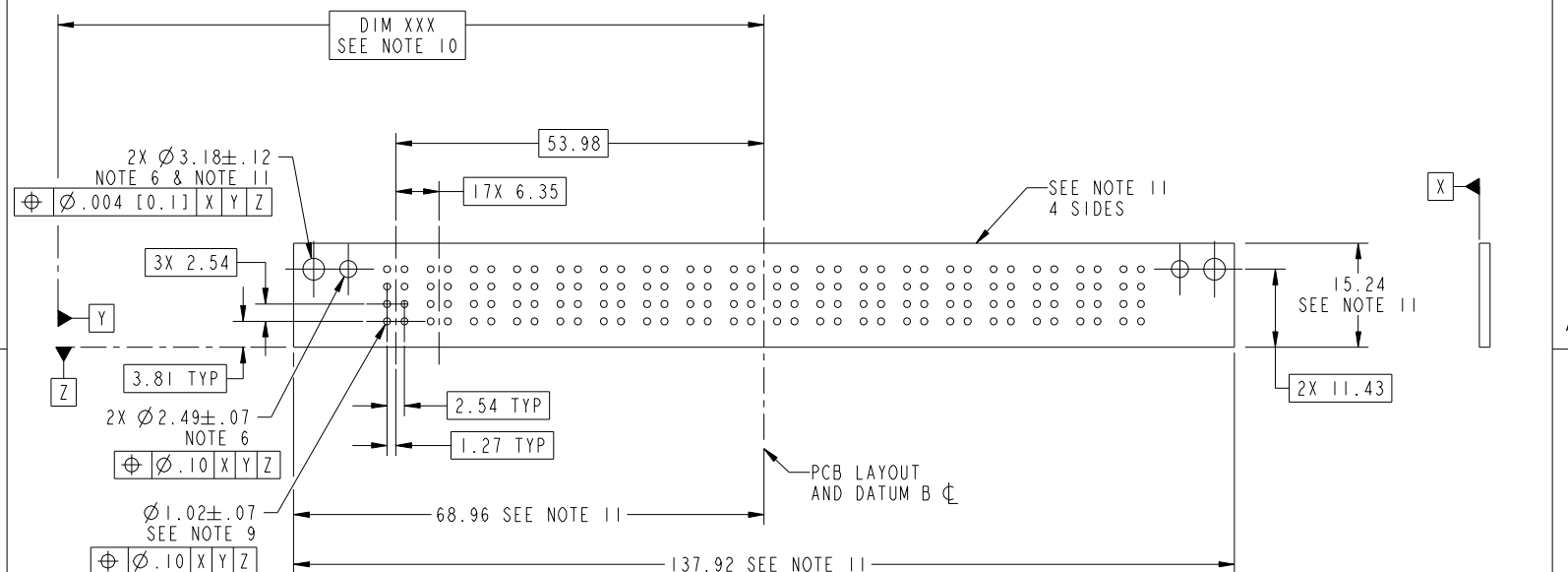
mat'l code				tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com	
litr	ecn no.	dr	date	linear	0.X ±0.3	COPY		title 18P VERTICAL SOLDER HEADER	
A					0.XX ±0.13				
					0.XXX ±0.051				
				angles	0° ±2°			product family PwrBlade	
				dr	JM GUO 09/07/07	scale 1:1		size	
				enrg	JEROME CHEN 09/07/07			dwg no	
				chr	GARY HSIEH 09/07/07			51963-025	
				appd	JOSEPH HSIA 09/07/07			code 213	
sheet index		revision sheet						sheet 2 of 4	

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PRODUCT NUMBER
51963-025--
NOTE 3



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 18P	
				angles	0.XXX ±0.050			VERTICAL SOLDER HEADER	
				dr	0° ±2°			product family PwrBlade	
				enrg	JM GUO 09/07/07			code 213	
				chr	JEROME CHEN 09/07/07			size dwg no	
				appd	GARY HSIEH 09/07/07			51963-025	
					JOSEPH HSIA 09/07/07			sheet 3 of 4	
sheet index	revision sheet					scale 1:1		A	

Pro/E

cage code 22526

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PRODUCT NUMBER																																																																																												
51963-025-- 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: 51963-025 ,51963-025LF 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.																																																																																												
12. CUSTOMER SUPPLIES (2) #4-40 UNC SCREW. HARDWARE TO MOUNT HEADER TO PC BOARD.																																																																																												
<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"> www.fciconnect.com</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">title 18P VERTICAL SOLDER HEADER</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">angles </td></tr><tr><td></td><td></td><td></td><td></td><td>dr</td><td>JM GUO</td><td>09/07/07</td><td colspan="2">MIM </td><td>product family PwrBlade</td><td>code 213</td></tr><tr><td></td><td></td><td></td><td></td><td>enrg</td><td>JEROME CHEN</td><td>09/07/07</td><td colspan="2">scale 1:1</td><td>size A</td><td>dwg no 51963-025</td></tr><tr><td></td><td></td><td></td><td></td><td>chr</td><td>GARY HSIEH</td><td>09/07/07</td><td colspan="2"></td><td>sheet 4 of 4</td><td></td></tr><tr><td></td><td></td><td></td><td></td><td>appd</td><td>JOSEPH HSIA</td><td>09/07/07</td><td colspan="2"></td><td></td><td></td></tr><tr><td>sheet index</td><td>revision sheet</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr></table>		mat'l code				tolerances unless otherwise specified		CUSTOMER		www.fciconnect.com		ltr	ecn no.	dr	date	linear	0.X $\pm$ 0.3		COPY		title 18P VERTICAL SOLDER HEADER	A				0.XX $\pm$ 0.13		projection 						0.XXX $\pm$ 0.050		angles 						dr	JM GUO	09/07/07	MIM 		product family PwrBlade	code 213					enrg	JEROME CHEN	09/07/07	scale 1:1		size A	dwg no 51963-025					chr	GARY HSIEH	09/07/07			sheet 4 of 4						appd	JOSEPH HSIA	09/07/07					sheet index	revision sheet									
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