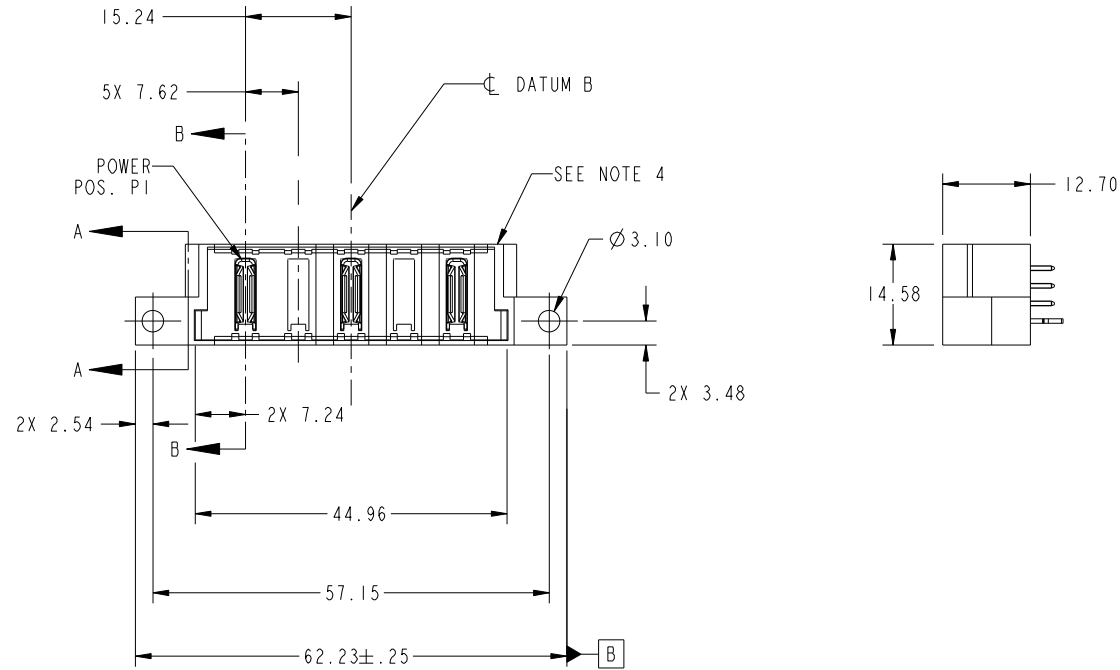


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PRODUCT NO.	POWER						E2
	E1	P1	P2	P3	P4	P5	
51963-027--		PA	X	PA	X	PA	
Note: ③	HA						HA



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

mat'l code				SEE NOTES		tolerances unless otherwise specified		CUSTOMER		FCI	
litr	ecn no.	dr	date					COPY			www.fciconnect.com
A	DG08-0163	SH	06/20/08	linear		0.X ±0.5		projection		title	5P Vertical Solder Header
				angles		0.XX ±0.25				product family	PwrBlade
				dr	Sincere He	06/11/08		MIM		code	213
				enrg	Sincere He	06/11/08				size	dwg no
				chr	Gary Hsieh	06/11/08		scale	1:1	A	51963-027
				appd	Joseph Hsia	06/11/08				sheet	1 of 4
sheet index	revision sheet	A	A	A	A						
		1	2	3	4						

Pro/E

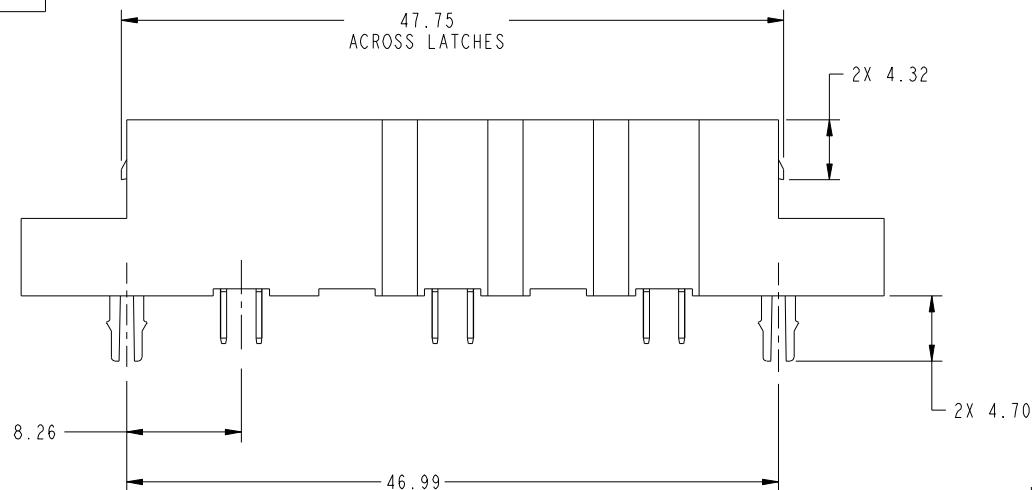
cage code 22526

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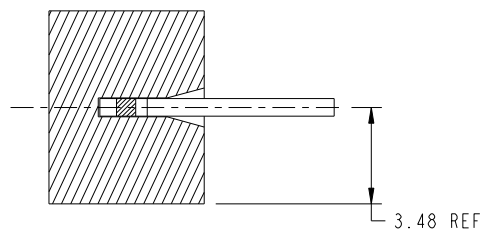


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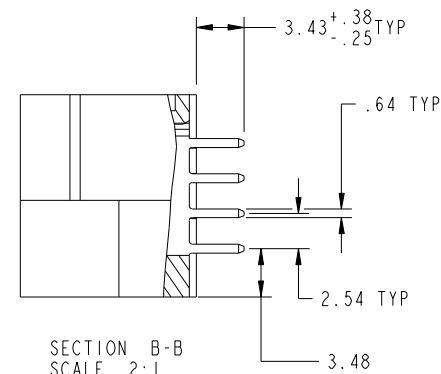
PRODUCT NUMBER
51963-027--
Note: (3)



SCALE 2:1



SECTION A-A
SCALE 4:1



SECTION B-B
SCALE 2:1

mat'l code				SEE NOTES				tolerances unless otherwise specified				CUSTOMER				FCI www.fciconnect.com			
litr		ecn no.		dr		date		linear		0.X ±0.5		COPY		projection					
A										0.XX ±0.25									
								angles		0.XXX ±0.1				title 5P Vertical Solder Header					
										0° ±2°									
				dr		Sincere He		06/11/08		MM ←→		product family		PwrBlade		code			
				enrg		Sincere He		06/11/08				size		dwg no		213			
						chr		Gary Hsieh		06/11/08		scale		A		51963-027		sheet 2 of 4	
				appd		Joseph Hsia		06/11/08											
sheet index		revision sheet																	

Pro/E

PDM: Rev:A

STATUS: Released

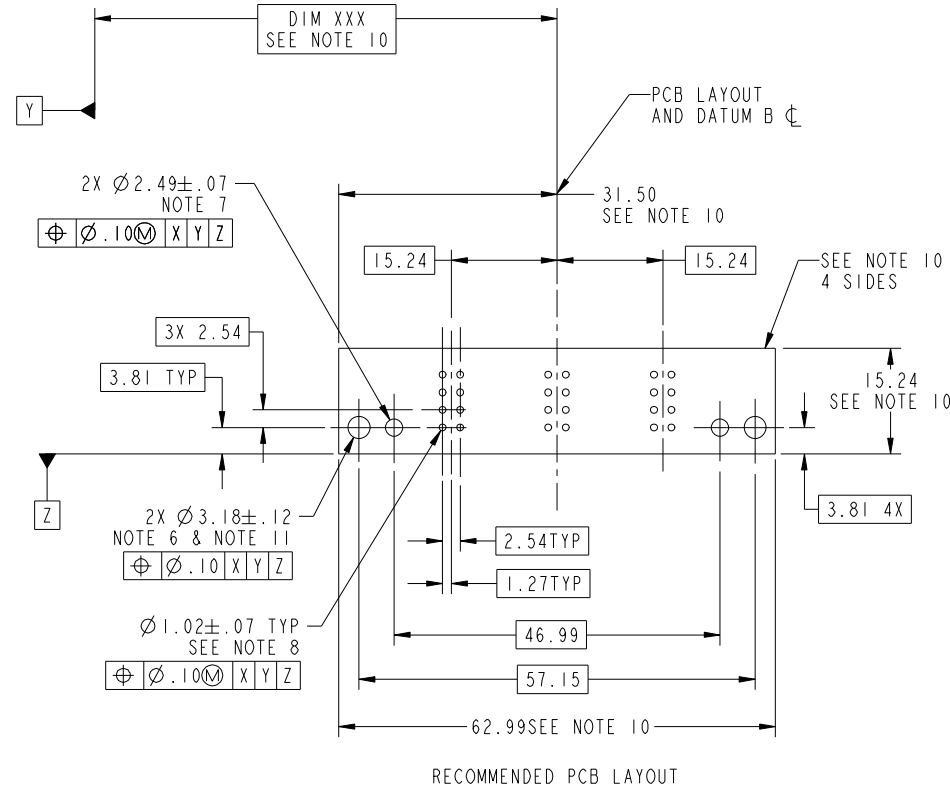
Printed: Dec 20, 2010

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PRODUCT NUMBER
51963-027--
Note: (3)



mat'l code				SEE NOTES		tolerances unless otherwise specified		CUSTOMER		FCI	
litr	ecn no.	dr	date					COPY		www.fciconnect.com	
A				linear		0.X ±0.5		projection		title 5P Vertical Solder Header	
				angles		0.XX ±0.25				product family PwrBlade code 213	
				dr	Sincere He	06/11/08				size dwg no 51963-027 sheet 3 of 4	
				enr	Sincere He	06/11/08					
				chr	Gary Hsieh	06/11/08					
				appd	Joseph Hsia	06/11/08					
sheet index	revision sheet							scale 1:1		cage code 22526	

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51963-027 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: 51963-027,51963-027LF, PLATING SPEC. SEE PRINT:10064183																																																																																																													
④ NEED TYCO TRADE NAME"AMP",TYCO P/N,FCI DATE CODE TO APPEAR ON THE HOUSING SURFACE.																																																																																																													
5. PACKAGED IN TRAYS.																																																																																																													
PCB NOTES:																																																																																																													
6. ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE.																																																																																																													
7. MOUNTING HOLES, WHERE APPLICABLE, ARE UNPLATED.																																																																																																													
⑧ $\varnothing .0453 \pm .0010$ [1.151 $\pm$ 0.025] DRILLED HOLES PLATED WITH .0003 [0.008] MIN SnPb OVER .001 [0.03] TO .003 [0.08] Cu PLATING TO ACHIEVE $\varnothing .040 \pm .003$ [1.02 $\pm$.07] HOLE.																																																																																																													
⑨ "DIM XXX" TO BE DETERMINED BY THE CUSTOMER.)																																																																																																													
⑩ CONNECTOR KEEP-OUT ZONE.																																																																																																													
11. FOR PRESS FIT APPLICATION USE FCI CAM TOOL 430169-018.																																																																																																													
12. CUSTOMER SUPPLIES (2) #4-40 UNC SCREWS, HARDWARE TO MOUNT HEADER TO PC BOARD.																																																																																																													
<table border="1"><thead><tr><th colspan="4">SEE NOTES</th><th colspan="2">tolerances unless otherwise specified</th><th colspan="2">CUSTOMER</th><th colspan="2">FCI</th></tr><tr><th>ltr</th><th>ecn no.</th><th>dr</th><th>date</th><th></th><th></th><th>COPY</th><th></th><th colspan="2">www.fciconnect.com</th></tr></thead><tbody><tr><td>A</td><td></td><td></td><td></td><td>linear</td><td>$0.X \pm 0.5$</td><td>projection</td><td rowspan="3"></td><td colspan="2">title 5P Vertical Solder Header</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td>$0.XX \pm 0.25$</td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td>angles</td><td>$0.XXX \pm 0.1$</td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td>$0^\circ \pm 2^\circ$</td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td>dr</td><td>Sincere He 06/11/08</td><td>MIM</td><td></td><td>product family</td><td>PwrBlade</td></tr><tr><td></td><td></td><td></td><td></td><td>enrg</td><td>Sincere He 06/11/08</td><td></td><td></td><td>code</td><td>213</td></tr><tr><td></td><td></td><td></td><td></td><td>chr</td><td>Gary Hsieh 06/11/08</td><td>scale</td><td></td><td>size</td><td>dwg no</td></tr><tr><td></td><td></td><td></td><td></td><td>appd</td><td>Joseph Hsia 06/11/08</td><td>1:1</td><td></td><td>A</td><td>51963-027</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>sheet 4 of 4</td></tr></tbody></table>		SEE NOTES				tolerances unless otherwise specified		CUSTOMER		FCI		ltr	ecn no.	dr	date			COPY		www.fciconnect.com		A				linear	$0.X \pm 0.5$	projection		title 5P Vertical Solder Header							$0.XX \pm 0.25$								angles	$0.XXX \pm 0.1$									$0^\circ \pm 2^\circ$									dr	Sincere He 06/11/08	MIM		product family	PwrBlade					enrg	Sincere He 06/11/08			code	213					chr	Gary Hsieh 06/11/08	scale		size	dwg no					appd	Joseph Hsia 06/11/08	1:1		A	51963-027	sheet index	revision sheet								sheet 4 of 4
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