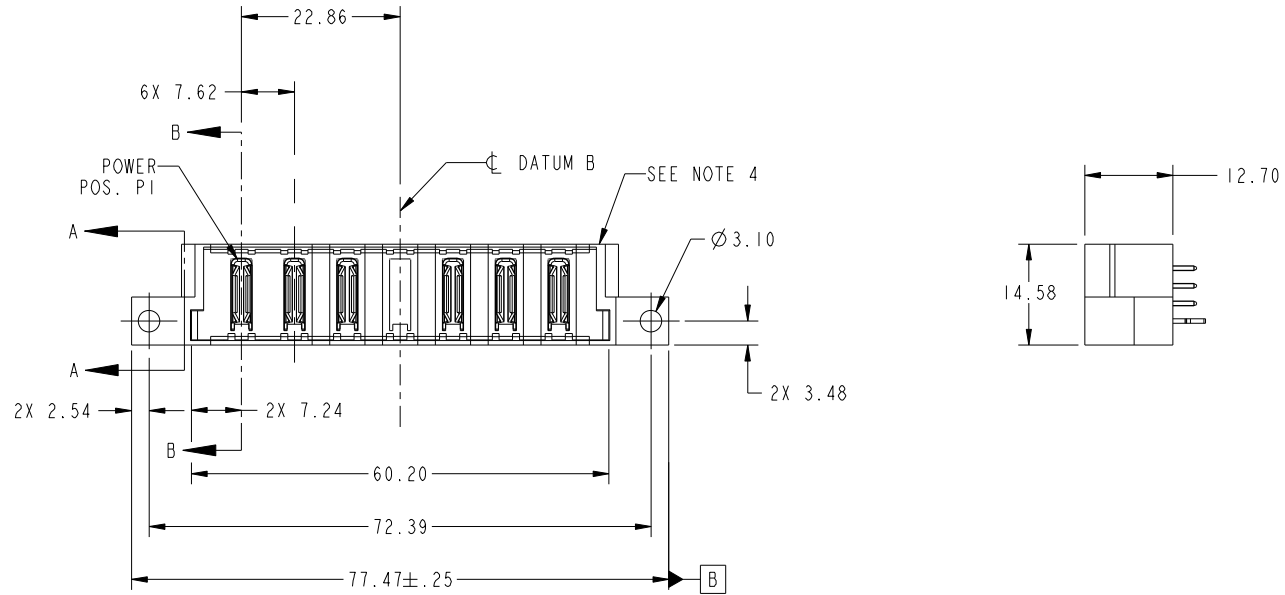
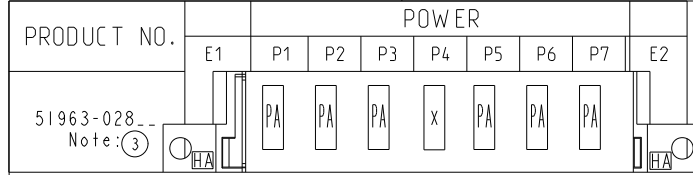


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CODE	DIM "M" MATING LENGTH	CONTACT TYPE
HA	N/A	HOLD-DOWN
PA	N/A	POWER
X	OMITTED	

mat'l code				SEE NOTES		tolerances unless otherwise specified		CUSTOMER		FCI	
litr	ecn no.	dr	date	linear		0.X ± 0.5		COPY		www.fciconnect.com	
A	DG08-0163	SH	06/20/08			0.XX ± 0.25		projection		title 7P Vertical Solder Header	
				angles		0.XXX ± 0.1				product family PwrBlade code 213	
				dr	Sincere He	06/11/08		MIM		size dwg no 51963-028 sheet 1 of 4	
				enrg	Sincere He	06/11/08					
				chr	Gary Hsieh	06/11/08		scale 1:1			
				appd	Joseph Hsia	06/11/08					
sheet index	revision sheet	A	A	A	A					cage code 22526	
		1	2	3	4						

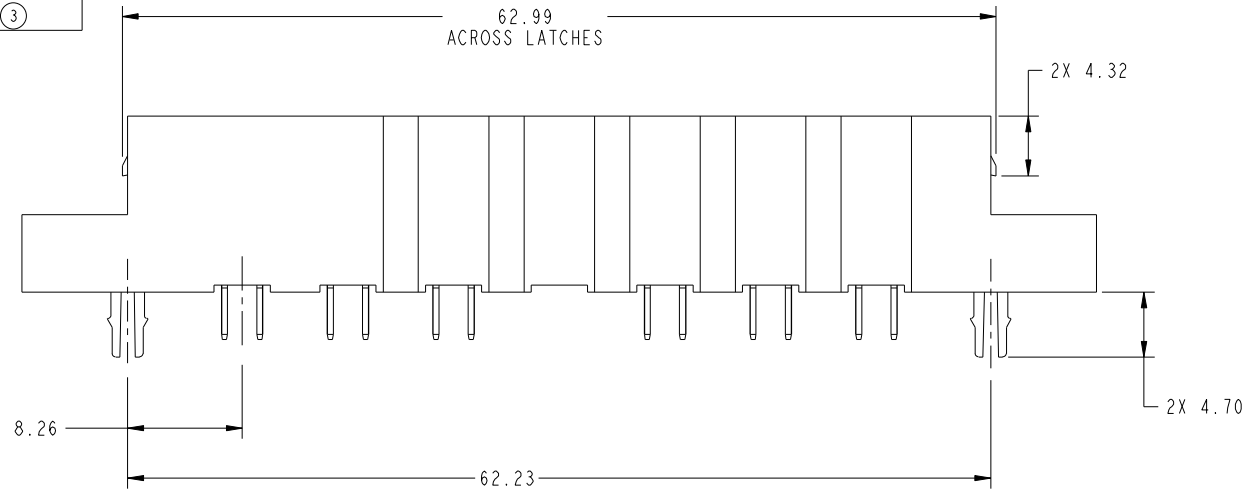
Pro/E

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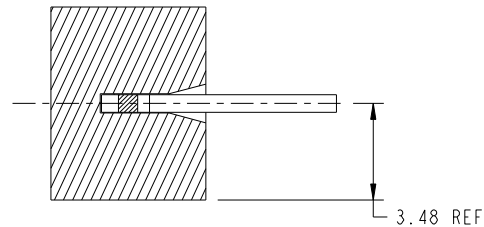


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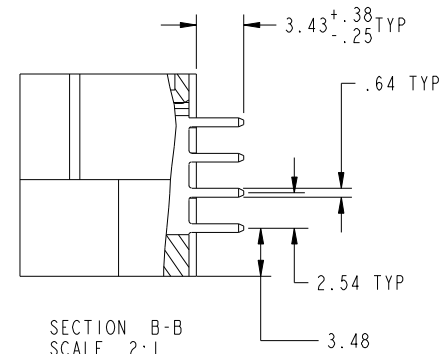
PRODUCT NUMBER
51963-028--
Note: (3)



SCALE 2:1



SECTION A-A
SCALE 4:1



SECTION B-B
SCALE 2:1

SEE NOTES				TOLERANCES UNLESS OTHERWISE SPECIFIED		CUSTOMER		FCI	
ltr	ecn no.	dr	date	linear	0.X ±0.5	COPY		www.fciconnect.com	
A				linear	0.XX ±0.25	projection		title 7P	
				angles	0.XXX ±0.1			Vertical Solder Header	
				dr	0° ±2°			product family PwrBlade	
				enr	Sincere He 06/11/08			code 213	
				chr	Sincere He 06/11/08			size dwg no	
				appd	Gary Hsieh 06/11/08			A 51963-028	
					Joseph Hsia 06/11/08			sheet 2 of 4	
sheet index	revision sheet					scale 1:1			

Pro/E

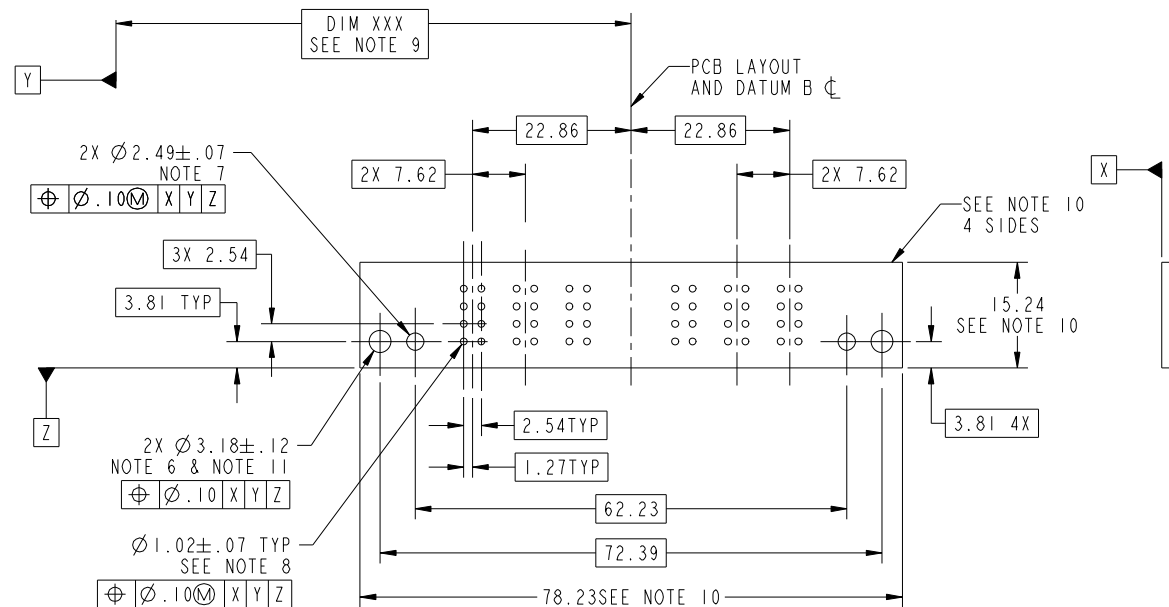
cage code 22526

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PRODUCT NUMBER
51963-028--
Note: (3)



RECOMMENDED PCB LAYOUT

mat'l code				SEE NOTES		tolerances unless otherwise specified		CUSTOMER		FCI	
ltr	ecn no.	dr	date			linear	0.X ± 0.5	COPY		www.fciconnect.com	
A						linear	0.XX ± 0.25	projection		title 7P Vertical Solder Header	
						angles	0.XXX ± 0.1				
							0° $\pm 2^\circ$				
						dr	Sincere He 06/11/08			product family PwrBlade code 213	
						enrg	Sincere He 06/11/08			size dwg no 51963-028 sheet 3 of 4	
						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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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: 51963-028,51963-028LF, 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">mat'l code</th><th colspan="2">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></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></td><td>$0.X \pm 0.5$</td><td></td><td>projection</td><td></td><td colspan="2">title 7P Vertical Solder Header</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td>$0.XX \pm 0.25$</td><td></td><td></td><td></td><td colspan="2">product family PwrBlade code 213</td></tr><tr><td></td><td></td><td></td><td></td><td>angles</td><td></td><td>$0.XXX \pm 0.1$</td><td></td><td></td><td></td><td colspan="2">size dwg no 51963-028 sheet 4 of 4</td></tr><tr><td></td><td></td><td></td><td></td><td>dr</td><td>Sincere He</td><td>06/11/08</td><td></td><td>scale 1:1</td><td>A</td><td colspan="2"></td></tr><tr><td></td><td></td><td></td><td></td><td>enrg</td><td>Sincere He</td><td>06/11/08</td><td></td><td></td><td></td><td colspan="2"></td></tr><tr><td></td><td></td><td></td><td></td><td>chr</td><td>Gary Hsieh</td><td>06/11/08</td><td></td><td></td><td></td><td colspan="2"></td></tr><tr><td></td><td></td><td></td><td></td><td>appd</td><td>Joseph Hsia</td><td>06/11/08</td><td></td><td></td><td></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><td colspan="2"></td></tr></tbody></table>		mat'l code				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 7P Vertical Solder Header								$0.XX \pm 0.25$				product family PwrBlade code 213						angles		$0.XXX \pm 0.1$				size dwg no 51963-028 sheet 4 of 4						dr	Sincere He	06/11/08		scale 1:1	A							enrg	Sincere He	06/11/08										chr	Gary Hsieh	06/11/08										appd	Joseph Hsia	06/11/08						sheet index		revision sheet									
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