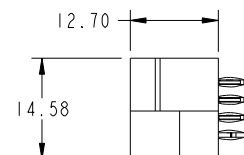
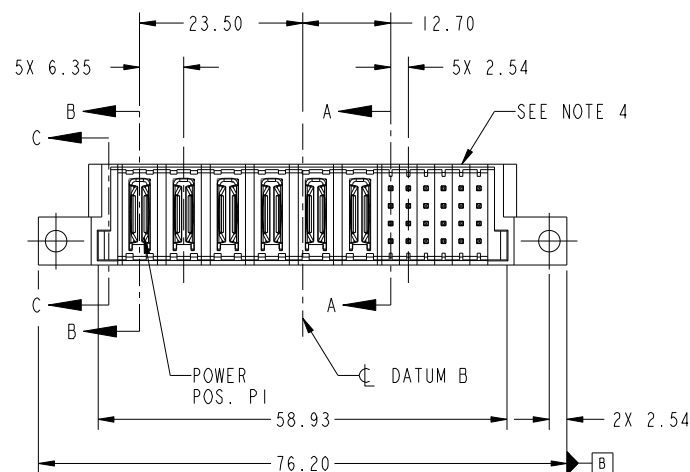
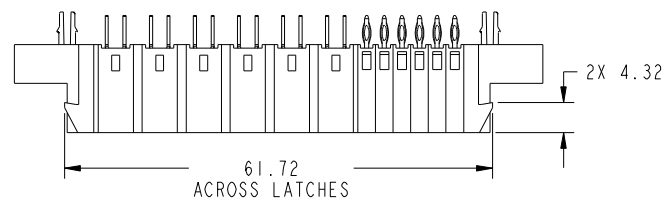


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PRODUCT NO.	ROWS	POWER						SIGNAL																																																																																																																																																																																																																																																																																																																		
		E1	P1	P2	P3	P4	P5	P6	1	2	3	4	5	6	E2																																																																																																																																																																																																																																																																																																											
51963-031-- NOTE③	D C B A	 HA																																																																																																																																																																																																																																																																																																																								



CODE	DIM "M" MATING LENGTH	CONTACT TYPE
PC	[N/A]	POWER
G	[6.86]	SIGNAL
HA	[N/A]	HOLD-DOWN

mat'l code				tolerances unless otherwise specified		CUSTOMER		FCI	
ltr	ecn no.	dr	date	linear	0.X ±0.5	COPY		www.fciconnect.com	
A	DG09-0310	WD	09/21/09	linear	0.XX ±0.25	projection		title 6P + 24S VERTICAL PRESS FIT HEADER	
				angles	0.XXX ±0.1			product family PwrBlade code 213	
				dr	Warren Du 07/07/08	scale	1:1	size dwg no 51963-031 sheet 1 of 4	
				enrg	Warren Du 07/07/08				
				chr	PM ZHENG 07/07/08				
				appd	Joseph Hsia 07/07/08				
sheet index	revision sheet	A 1	A 2	A 3	A 4			cage code 22526	

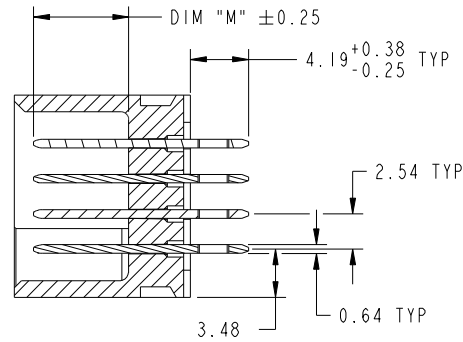
Pro/E

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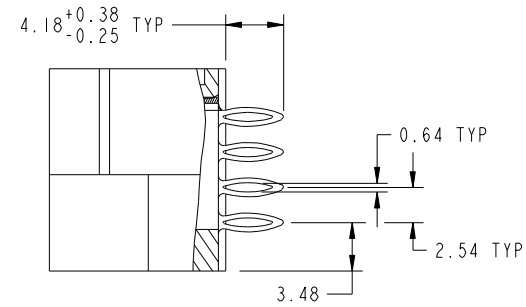


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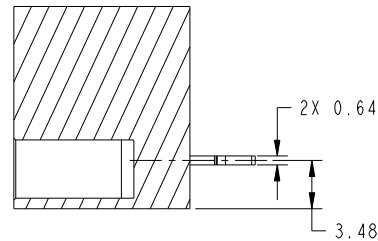
PRODUCT NUMBER
51963-031--
NOTE 3



SECTION A-A
SCALE 2:1



SECTION B-B
SCALE 2:1



SECTION C-C
SCALE 2:1

mat'l code				tolerances unless otherwise specified		CUSTOMER		FCI	
ltr	ecr no.	dr	date	linear	0.X ±0.5	COPY		www.fciconnect.com	
A				linear	0.XX ±0.25	projection		title 6P + 24S	
				angles	0.XXX ±0.1			VERTICAL PRESS FIT HEADER	
				dr	0° ±2°			product family PwrBlade	
				enr	Warren Du 07/07/08			code 213	
				chr	Warren Du 07/07/08			size dwg no	
				appd	PM ZHENG 07/07/08			A 51963-031	
					Joseph Hsia 07/07/08	scale		sheet 2 of 4	
						1:1			
sheet index	revision sheet								

cage code 22526

Pro/E

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RECOMMENDED PCB LAYOUT

Printed: Dec 20, 2010

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PRODUCT NUMBER
51963-031-- 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 51963-031 AND 51963-031LF RESPECTIVELY.
- 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.

mat'l code				tolerances unless otherwise specified		CUSTOMER				www.fciconnect.com		
ltr	ecr no.	dr	date	linear	0.X ± 0.5		COPY			title		
A					0.XX ± 0.25		projection			6P + 24S		
					0.XXX ± 0.1					VERTICAL PRESS FIT HEADER		
				angles	0° ± 2°				product family		PwrBlade	code
				dr	Warren Du	07/07/08	scale		size	dwg no	213	
				enrg	Warren Du	07/07/08	1:1		A	51963-031	sheet	
				chr	PM ZHENG	07/07/08					4 of 4	
				appd	Joseph Hsia	07/07/08						
sheet index		revision sheet										
				Pro/E		3		cage code		22526		4