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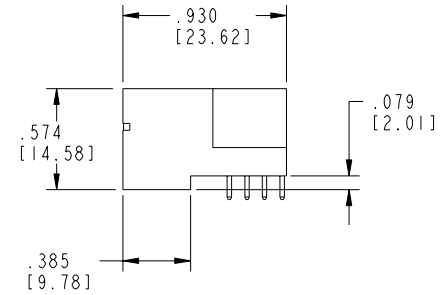
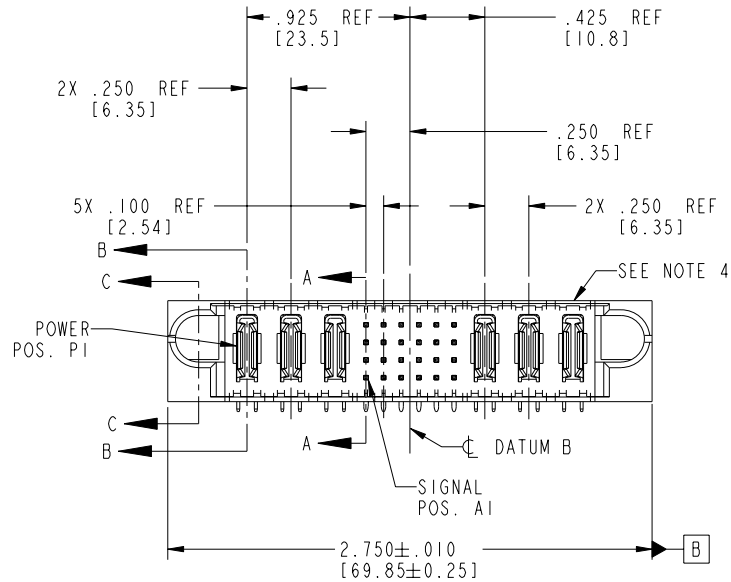
A
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B

CODE	DIM "M" MATING LENGTH	CONTACT TYPE
E	.220 [5.59]	SIGNAL
H	.220 [5.59]	SIGNAL
R	.270 [6.86]	SIGNAL
S	.270 [6.86]	SIGNAL
T	.270 [6.86]	SIGNAL
U	.270 [6.86]	SIGNAL
PA	N/A [N/A]	POWER

PRODUCT NO.	ROWS	POWER			SIGNAL						POWER			E2	
		E1	P1	P2	P3	1	2	3	4	5	6	P4	P5		P6
51730-033- NOTE: ③	D C B A														



mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		A FCI		www.fciconnect.com	
ltr	ecn no.	dr	date	linear	angles	dr	engr	chr	appd	COPY	projection	title	product family
A	V12240	JRW	09/24/01				M. MOSTOLLER					3P + 24S + 3P	PwrBlade
B	V21291	CGD	09/10/02				M. MOSTOLLER					RIGHT ANGLE SOLDER HEADER	
C	DG05-0231	SJ	07/18/05				M. MOSTOLLER						
D	DG05-0560	CS	12/26/05				M. MOSTOLLER						
sheet index				revision	D	D	D	D	D	INCH/MM	scale	size	dwg no
sheet				1	2	3	4			1:1		A	51730-033
												code	
												213	
												sheet	
												1 of 4	
												cage code	
												22526	
												4	

B

Pro/E

PDM: Rev:D

STATUS:Released

Printed: Dec 20, 2010

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AFI

51730-033_ _
NOTE: ③

Technical drawing of a mechanical part showing dimensions and a datum feature A. The dimensions are:

- $\varnothing 0.150$ THRU HOLE REF [3.81]
- .278 REF [7.06]

The datum feature A is indicated by a feature control frame containing the letter A and a datum symbol (a triangle with a circle).

SECTION C-C

SECTION A-A

Dimensions and Tolerances:

- .025 REF TYP [0.64]
- .058 REF [1.47]
- .100 REF TYP [2.54]
- .605 REF [15.37]
- .325 REF [8.26]
- DIM "M" ±.010 [±0.25]
- .135±.020 [3.43±0.5]
- .025 REF TYP [0.64]
- .100 REF TYP [2.54]

SECTION A-A

SECTION B-B

mat'l code				SEE NOTE 2				tolerances unless otherwise specified				CUSTOMER		 www.fciconnect.com					
lfr	ecn no.	dr	date	linear	$.XX \pm .01 / 0.X \pm 0.3$				projection		title								
D					$.XXX \pm .005 / 0.XX \pm 0.13$						3P + 24S + 3P								
					$.XXX \pm .002 / 0.XXX \pm 0.051$						RIGHT ANGLE SOLDER HEADER								
					$0^\circ \pm 2^\circ$						product family								
											PwrBlade								
				angles					INCH/MM		size		dwg no		code				
				dr	C. DAILY	09/10/02		A			51730-033		213						
				enrg	M. MOSTOLLER	09/10/02		scale					sheet						
				chr	M. MOSTOLLER	09/10/02		1:1					2 of 4						
				apdd	M. MOSTOLLER	09/10/02													
sheet index		revision sheet																	
Pro/E								3				cage code				22526		4	

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Top view of the PCB layout for the 16-pin package. The diagram shows a rectangular component with 16 pins (8 on each side) and a central area for the PCB layout. Dimensions are provided in inches and millimeters. Key dimensions include: overall width 2.450 [62.23], overall height 2.780 [70.61], pin pitch .025 [0.635], and various internal spacing dimensions. A coordinate system (X, Y, Z) is shown at the bottom left. A note indicates that the dimensions are typical values and may vary.

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PRODUCT NUMBER

51730-033_-
NOTE: ③

NOTES:

1. DIMENSIONS AND TOLERANCES ARE IN ACCORDANCE WITH
ASME Y14.5M, 1994 UNLESS OTHERWISE SPECIFIED.

CONNECTORS NOTES:

② HOUSING MATERIAL: UL 94 V-0 GLASS FILLED
HIGH TEMP THERMO PLASTIC
POWER CONTACT MATERIAL: COPPER ALLOY
SIGNAL PIN MATERIAL: COPPER ALLOY

③ PLATING:

51730-033, 51730-033LF, PLATING SPEC SEE PRINT: 100064183.

4. "MANUFACTURER" NAME, P/N, AND DATE CODE TO APPEAR ON
THIS SURFACE.

5. PRODUCT SPECIFICATION GS-12-149.

PCB - NOTES:

6. ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE.

⑦ HOLD DOWN THROUGH HOLES ARE UNPLATED.

⑧ $\varnothing .0453 \pm 0.0010$ [1.151 $\pm$ 0.025] DRILLED HOLES PLATED WITH
0.0003 [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.

mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		A FCI www.fciconnect.com	
ltr	ecn no.	dr	date	linear	$.XX \pm .01 / 0.X \pm 0.3$		COPY		title		
D					$.XXX \pm .005 / 0.XX \pm 0.13$		projection		3P + 24S + 3P		
				angles	$.XXXX \pm .0020 / 0.XXX \pm 0.051$				RIGHT ANGLE SOLDER HEADER		
					$0^\circ \pm 2^\circ$						
				dr	C. DAILY	09/10/02	INCH/MM		product family		code
				engr	M. MOSTOLLER	09/10/02	scale		PwrBlade		213
				chr	M. MOSTOLLER	09/10/02	1:1		size		sheet
				appd	M. MOSTOLLER	09/10/02			dwg no		4 of 4
sheet index		revision sheet							A		
									51730-033		

cage code 22526

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