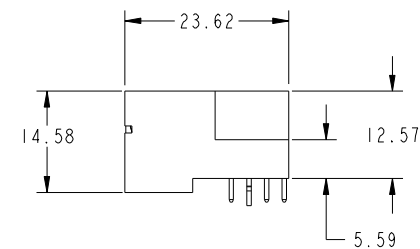
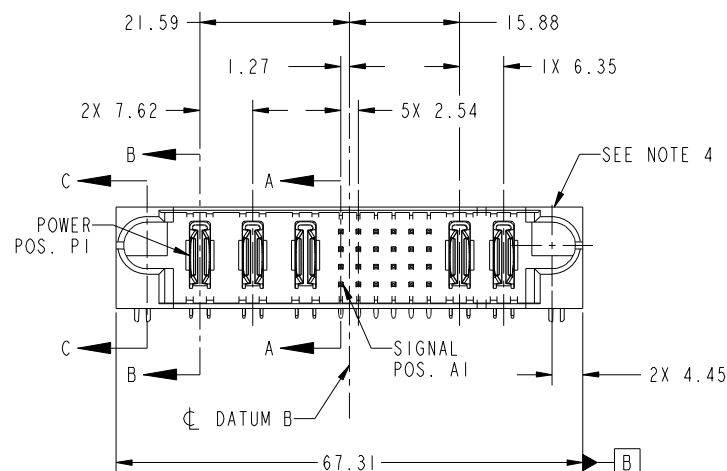


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PRODUCT NO.	ROWS	POWER				SIGNAL						POWER		E2
		E1	P1	P2	P3	1	2	3	4	5	6	P4	P5	
51939-405-- NOTE 3	D C B A		 PA	 PA	 PA	 UUUUUU	 TTTTTT	 SSSSSS	 SSSSSS	 PA	 PA			
														



CODE	DIM "M" MATING LENGTH	CONTACT TYPE
U	[6.86]	SIGNAL
T	[6.86]	SIGNAL
S	[6.86]	SIGNAL
R	[6.86]	SIGNAL
PA	[N/A]	POWER
HA	[N/A]	HOLD-DOWN
F	[5.59]	SIGNAL
H	[5.59]	SIGNAL

mat'l code				SEE NOTE		tolerances unless otherwise specified		CUSTOMER		FCI	
litr	ecn no.	dr	date					COPY		www.fciconnect.com	
A	DG09-0017	JW	12/19/08	linear		0.X ±0.5		projection		title	3ACP + 24S + 2P
				angles		0.XX ±0.25				RIGHT ANGLE SOLDER HEADER	
				dr	JULIA WANG	12/19/08		scale		product family	PwrBlade
				enrg	JEROME CHEN	12/19/08		1:1		size	dwg no
				chr	GARY HSIEH	12/19/08				A	51939-405
				appd	JOSEPH HSIA	12/19/08				code	213
sheet index	revision sheet	A	A	A	A	A	A			sheet	1 of 4
		1	2	3	4						

cage code 22526

Pro/E

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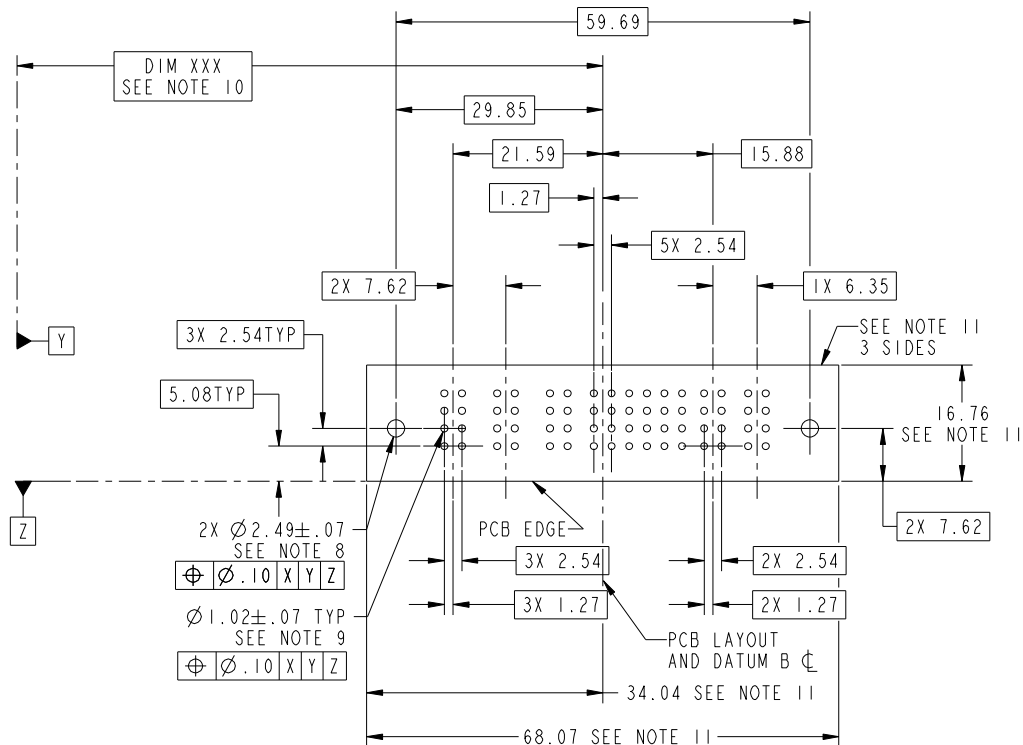
4

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PRODUCT NUMBER
51939-405--
NOTE: 3



RECOMMENDED PCB LAYOUT

mat'l code				SEE NOTE		tolerances unless otherwise specified		CUSTOMER		FCI	
litr	ecn no.	dr	date					COPY		www.fciconnect.com	
A				linear		0.X ±0.5		projection		title	3ACP + 24S + 2P
						0.XX ±0.25				RIGHT ANGLE SOLDER HEADER	
				angles		0.XXX ±0.1				product family	PwrBlade
				dr	JULIA WANG	12/19/08				code	213
				enr	JEROME CHEN	12/19/08				size	dwg no
				chr	GARY HSIEH	12/19/08				51939-405	sheet
				appd	JOSEPH HSIA	12/19/08				A	3 of 4
sheet index	revision sheet							scale	1:1		

Pro/E

cage code 22526

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51939-405--
NOTE: 3

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

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

3. PLATING.
SEE ITEM 1 & 2 IN PRINT 10064183 FOR PLATING SPEC. OF 51939-405; 51939-405LF 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.

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 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.

mat'l code				SEE NOTE				tolerances unless otherwise specified				CUSTOMER				FCI				www.fciconnect.com			
litr		ecn no.		dr		date		linear		0.X ± 0.5		COPY		projection 		title 3ACP + 24S + 2P RIGHT ANGLE SOLDER HEADER		product family PwrBlade		code 213			
A						0.XX ± 0.25				0.XXX ± 0.1													
								angles		0° ± 2°		MM 		scale 1:1		size A		dwg no 51939-405		sheet 4 of 4			
						dr				JULIA WANG 12/19/08													
								enrg		JEROME CHEN 12/19/08													
								chr		GARY HSIEH 12/19/08													
								appd		JOSEPH HSIA 12/19/08													
sheet index		revision sheet																					

www.fciconnect.com

title	3ACP + 24S + 2P RIGHT ANGLE SOLDER HEADER
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product family	PwrBlade	code
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size	dwq no	21
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51030-105	sheet
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A	51939	403	403
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cage code	22526
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4

Pro/E

3