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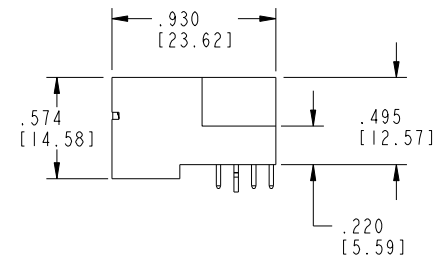
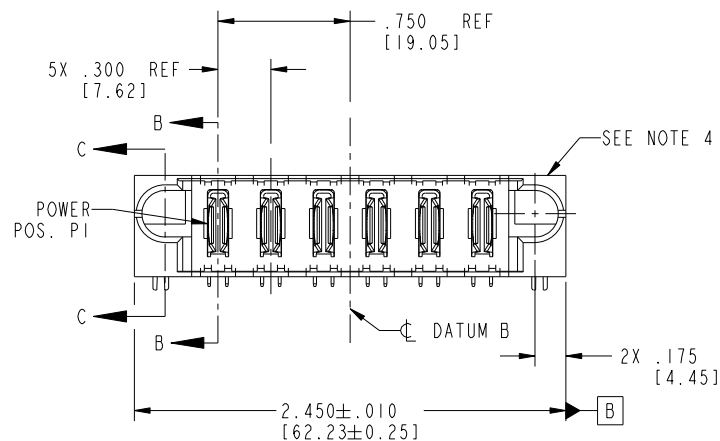
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B

A

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

PRODUCT NO.	POWER						E2
	E1	P1	P2	P3	P4	P5	
51939-129-- NOTE 3		PA	PA	PA	PA	PA	



mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		FCI		www.fciconnect.com	
ltr	ecn no.	dr	date					COPY					
A	V04-0708	TAB	07/16/04	linear		.XX±.01/0.X±0.3		projection		title	6P		
B	DG06-0013	RYAN	01/11/06			.XXX±.005/0.XX±0.13				RIGHT ANGLE SOLDER HEADER			
C	DG09-0003	WD	02/12/09	angles		.XXX±.0020/0.XXX±0.051				product family	PwrBlade	code	213
				dr	T. BRUNGARD	07/16/04		INCH/MM		size	dwg no	sheet	1 of 4
				enrg	M. GRAY	07/16/04		scale		A	51939-129		
				chr	M. GRAY	07/16/04		1:1					
				appd	M. GRAY	07/16/04							
sheet index	revision sheet	C	C	C	C								
		1	2	3	4								

sheet index

revision sheet

Pro/E

3

cage code 22526

4

B

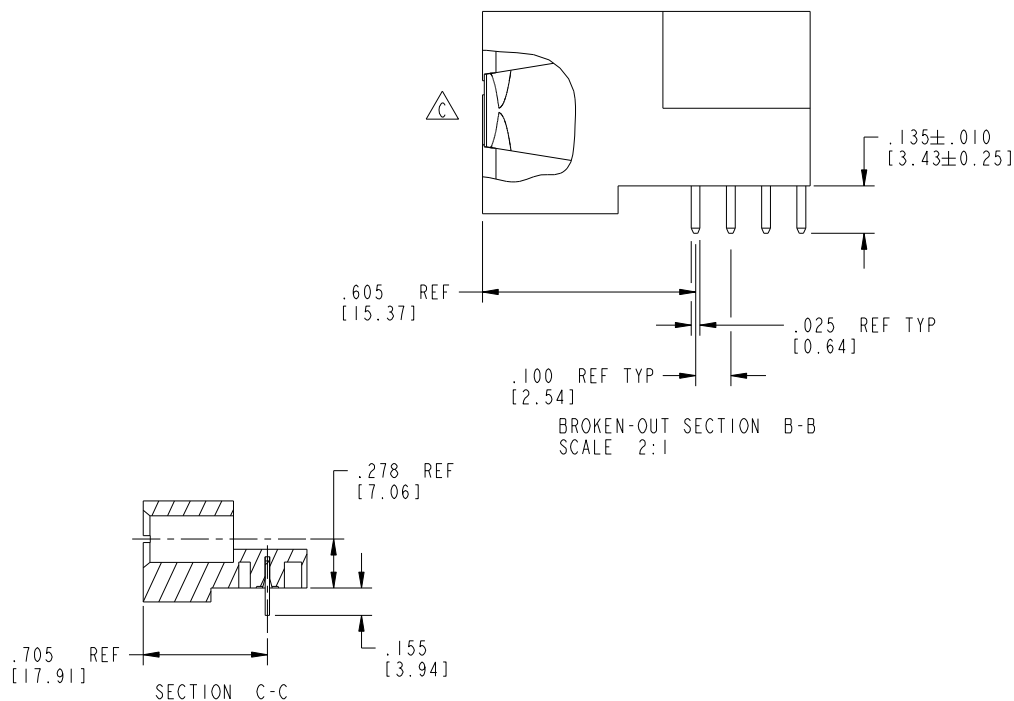
A

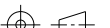
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PRODUCT NUMBER
51939-129--
NOTE 3



mat'l code				SEE NOTE 2				tolerances unless otherwise specified				CUSTOMER				 www.fciconnect.com				
ltr		ecn no.		dr		date		linear	.XX±.01/0.X±0.3				COPY				 title 6P RIGHT ANGLE SOLDER HEADER			
C									.XXX±.005/0.XX±0.13				INCH/MM							
									angles	.XXX±.0020/0.XXX±0.051				scale 1:1						
								0°±2°				 product family PwrBlade				code				
								dr T. BRUNGARD 07/16/04								size		dwg no		
								enrg M. GRAY 07/16/04								A		51939-129		
								chr M. GRAY 07/16/04												
								appd M. GRAY 07/16/04										sheet 2 of 4		
sheet index		revision sheet																		

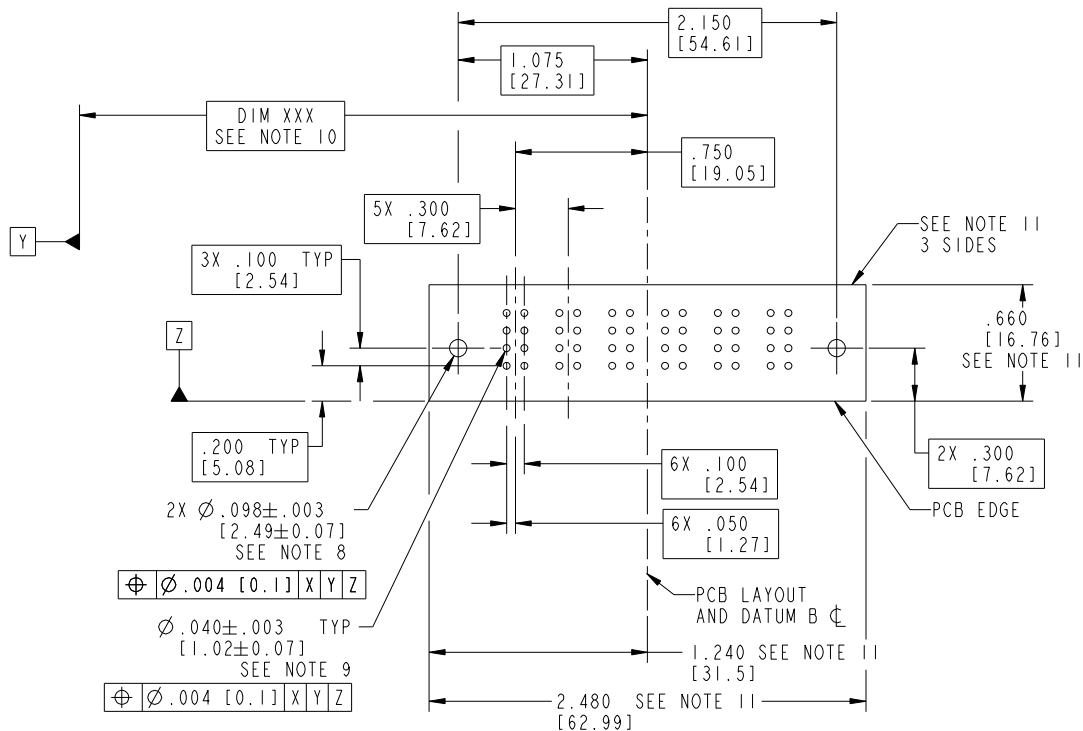
Pro/E



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PRODUCT NUMBER
51939-129--
NOTE 3



RECOMMENDED PCB LAYOUT

mat'l code SEE NOTE 2				tolerances unless otherwise specified				CUSTOMER		FCI www.fciconnect.com					
ltr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3				COPY		title 6P RIGHT ANGLE SOLDER HEADER				
C					.XXX±.005/0.XX±0.13				projection						
					.XXX±.0020/0.XXX±0.051										
				angles	0°±2°						product family PwrBlade code 213 size dwg no 51939-129 sheet 3 of 4				
				dr	T. BRUNGARD 07/16/04				INCH/MM						
				enrg	M. GRAY 07/16/04				scale						
				chr	M. GRAY 07/16/04				1:1						
				appd	M. GRAY 07/16/04										
sheet index		revision sheet													

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cage code 22526

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PRODUCT NUMBER
51939-129-- 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 1 & 2 IN PRINT 10064183 FOR PLATING SPEC OF 51939-129 AND 51939-129LF 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) $\varnothing .0453 \pm .0010$ [1.151 ± 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.

- (10) "DIM XXX" TO BE DETERMINED BY THE CUSTOMER.

- (11) CONNECTOR KEEP-OUT ZONE.

12. A△SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE WHICH HAS BEEN MODIFIED
WITH THE CURRENT DRAWING REVISION.

mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		FCI		www.fciconnect.com	
ltr	ecr no.	dr	date					COPY					
C				linear		$.XX \pm .01 / 0.X \pm 0.3$		projection		title	6P		
						$.XXX \pm .005 / 0.XX \pm 0.13$				RIGHT ANGLE SOLDER HEADER			
				angles		$.XXX \pm .0020 / 0.XXX \pm 0.051$				product family	PwrBlade	code	
				dr	T. BRUNGARD	07/16/04		INCH/MM		size	dwg no	213	
				enr	M. GRAY	07/16/04		scale		51939-129		sheet	
				chr	M. GRAY	07/16/04		1:1	A	4 of 4			
				appd	M. GRAY	07/16/04							
sheet index	revision sheet												

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