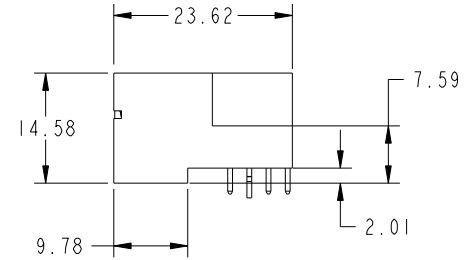
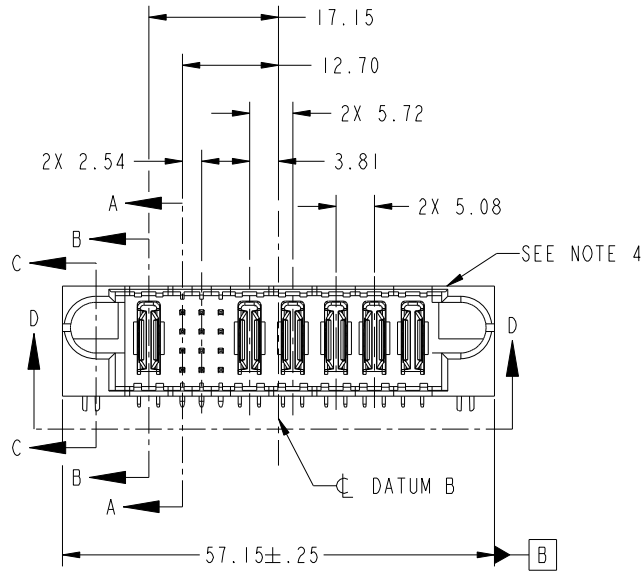
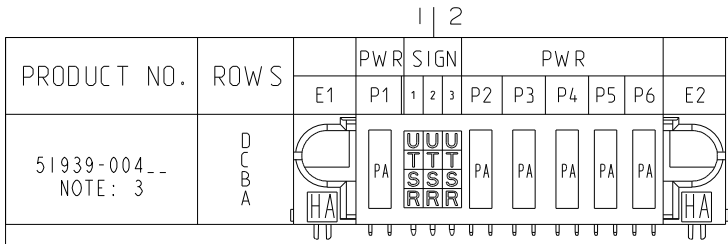


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CODE	DIM "M" MATING LENGTH	CONTACT TYPE
R	[6.86]	SIGNAL
S	[6.86]	SIGNAL
T	[6.86]	SIGNAL
U	[6.86]	SIGNAL
PA	[N/A]	POWER
HA	[N/A]	HOLD-DOWN

mat'l code				SEE NOTE		tolerances unless otherwise specified	
ltr	ecn no.	dr	date	linear	angles		
A	V12793	JWS	12/12/01	0.X ± 0.5	0° ± 2°		
B	DG05-0240	GuoJM	07/26/05	0.XX ± 0.25			
C	DG06-0008	JMG	01/07/06	0.XXX ± 0.10			
D	DG08-0272	JW	09/27/08				
				engr	J. SHAFFER	12/12/01	
				chr	M. MOSTOLLER	12/12/01	
				appd	M. MOSTOLLER	12/12/01	
sheet index	revision sheet	D 1	D 2	D 3	D 4		

CUSTOMER	COPY	projection
MM	1:1	

		www.fciconnect.com	
title			
IP + 12S + 5P			
RIGHT ANGLE SOLDER HEADER			
product family		PwrBlade	
size	dwg no	code	
A	51939-004	213	
		sheet	
		1 of 4	

A

A

B

B

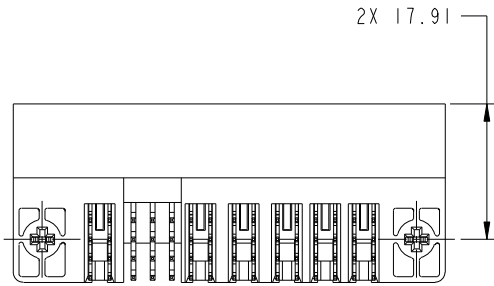
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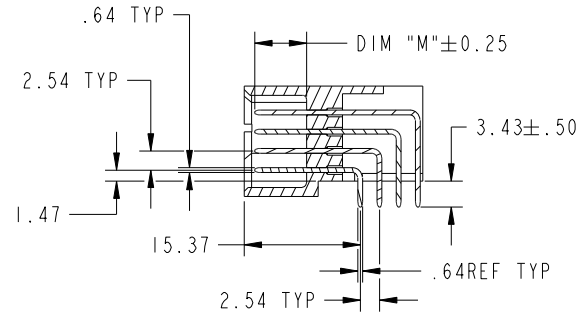


PRODUCT NUMBER

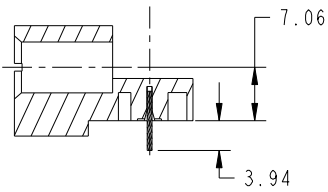
51939-004--
NOTE: 3



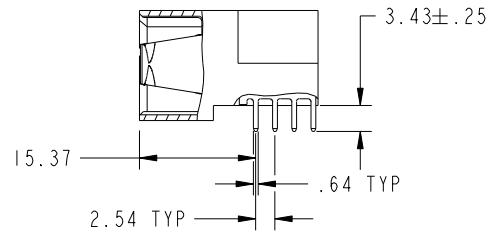
SECTION D-D



SECTION A-A



SECTION C-C



SECTION B-B

mat'l code		SEE NOTE		tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com	
lir	ecn no.	dr	date	linear	0.X ± 0.5	COPY		title	
D				linear	0.XX ± 0.25	projection		IP + 12S + 5P	
				linear	0.XXX ± 0.10			RIGHT ANGLE SOLDER HEADER	
				angles	0° ± 2°			product family	
				dr	J. SHAFFER 12/12/01	MM		PwrBlade	
				enrg	M. MOSTOLLER 12/12/01			code	
				chr	M. MOSTOLLER 12/12/01	1:1		213	
				appd	M. MOSTOLLER 12/12/01	A		51939-004	
sheet index		revision sheet						sheet	
								2	

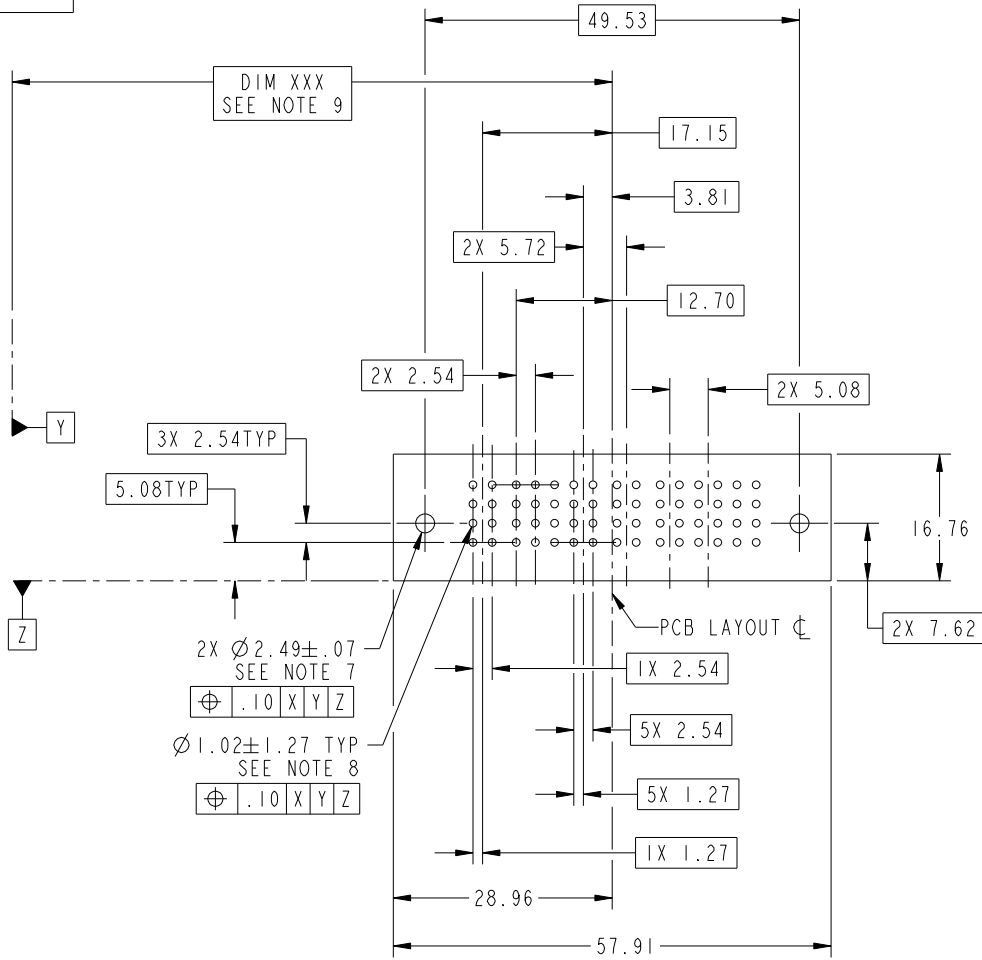
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PRODUCT NUMBER

51939-004--
NOTE: 3



RECOMMENDED PCB LAYOUT

mat'l code		SEE NOTE		tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com	
lir	ecn no.	dr	date	linear	0.X ± 0.5		COPY		title IP + 12S + 5P RIGHT ANGLE SOLDER HEADER
D					0.XX ± 0.25		projection		
					0.XXX ± 0.10				
				angles	0° ± 2°		 MM		product family
				dr	J. SHAFFER	12/12/01	 1:1		PwrBlade
				enrg	M. MOSTOLLER	12/12/01	size	dwg no	code
				chr	M. MOSTOLLER	12/12/01	A	51939-004	213
				appd	M. MOSTOLLER	12/12/01			sheet
sheet index		revision sheet						3	

cage code 28506

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1 | 2

3

4

PRODUCT NUMBER
51939-004--
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
SEE ITEM 1 & 2 IN PRINT 10064183 FOR PLATING SPEC OF 51939-004; 51939-004LF PRESPECTIVELY

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. $\varnothing 1.151 \pm 0.025$ 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.

9. "DIM XXX" TO BE DETERMINED BY THE CUSTOMER.

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

A

A

B

B

mat'l code		SEE NOTE		tolerances unless otherwise specified		CUSTOMER				www.fciconnect.com	
lir	ecn no.	dr	date	linear	0.X ±0.5		COPY		title IP + 12S + 5P RIGHT ANGLE SOLDER HEADER		
D					0.XX ±0.25		projection				
					0.XXX ±0.10						
				angles	0° ±2°				product family PwrBlade code 213		
		dr	J. SHAFFER 12/12/01	engr	M. MOSTOLLER 12/12/01	scale		size A		dwg no 51939-004 sheet 4	
		chr	M. MOSTOLLER 12/12/01	appd	M. MOSTOLLER 12/12/01	1:1					
sheet index	revision sheet										

1 | 2

Pro/E

PDM: Rev:D

STATUS: Released

Printed: Dec 20, 2010

cage code 2856

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