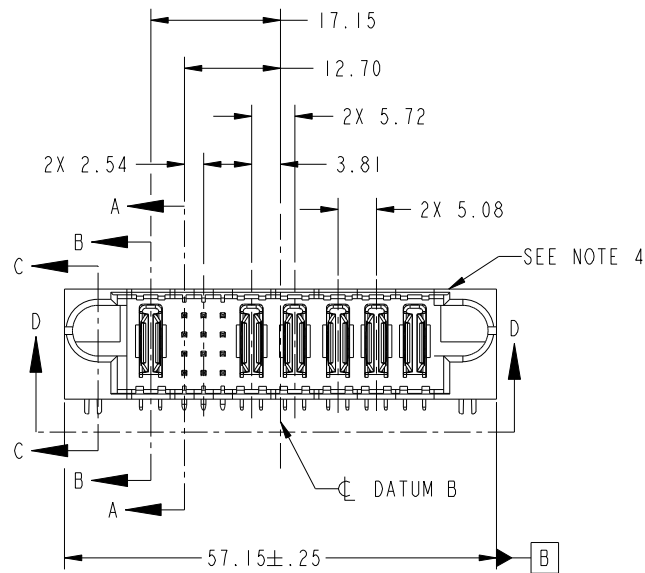
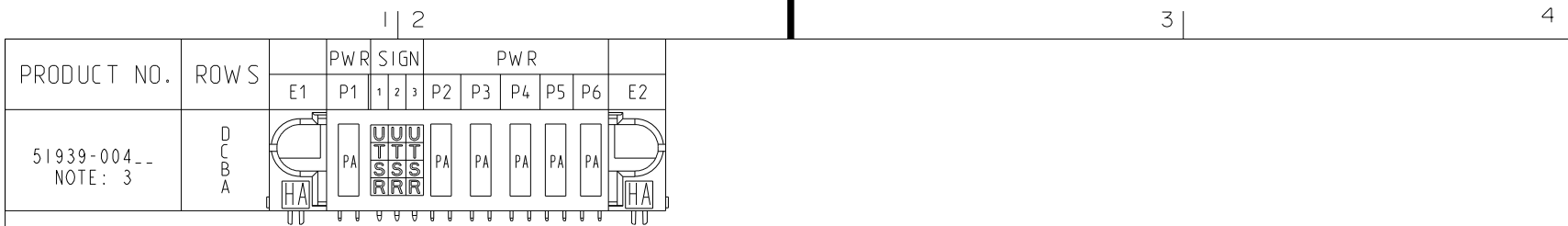


CODE	DIM "M" MATING LENGTH	CONTACT TYPE
R	[6.86]	SIGNAL
S	[6.86]	SIGNAL
T	[6.86]	SIGNAL
U	[6.86]	SIGNAL
PA	[N/A]	POWER
HA	[N/A]	HOLD-DOWN

mat'l code				SEE NOTE		tolerances unless otherwise specified		CUSTOMER		FCI	
ltr	ecn no.	dr	date					COPY		www.fciconnect.com	
A	VI2793	JWS	12/12/01			linear	0.X ±0.5	projection		title	IP + 12S + 5P
B	DG05-0240	GuoJM	07/26/05				0.XX ±0.25			RIGHT ANGLE SOLDER HEADER	
C	DG06-0008	JMG	01/07/06			angles	0.XXX ±0.10			product family	PwrBlade
D	DG08-0272	JW	09/27/08			dr	0° ±2°			size	213
						engr	J. SHAFFER 12/12/01			dwg no	sheet
						chr	M. MOSTOLLER 12/12/01			51939-004	
						appd	M. MOSTOLLER 12/12/01			1 of 4	
sheet	revision	D	D	D	D			scale	1:1		
index	sheet	1	2	3	4						

A

B

A

B



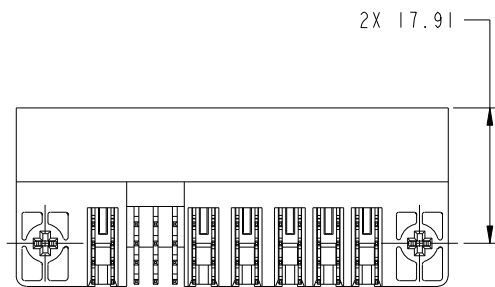
1 | 2

3 |

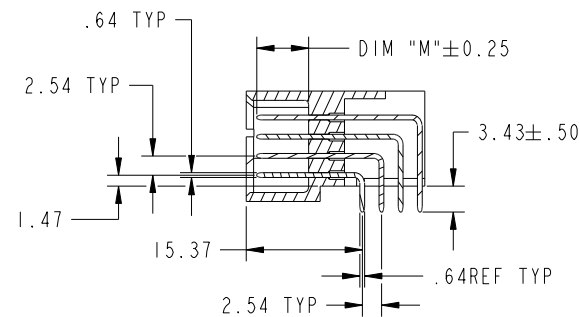
4

PRODUCT NUMBER

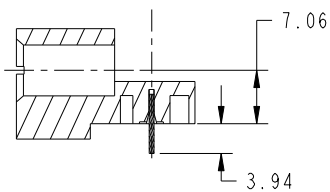
51939-004--
NOTE: 3



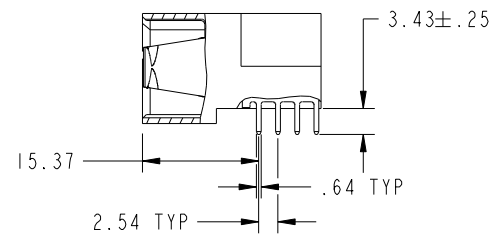
SECTION D-D



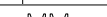
SECTION A-A



SECTION C-C



SECTION B-B

mat'l code				SEE NOTE		tolerances unless otherwise specified		CUSTOMER		FCI www.fciconnect.com													
lfr	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 PwrBlade										code		
						dr	J. SHAFFER	12/12/01			size		dwg no		213								
						engr	M. MOSTOLLER	12/12/01		scale 1:1		A 51939-004										sheet	
						chr	M. MOSTOLLER	12/12/01														2	
						appd	M. MOSTOLLER	12/12/01															
sheet index		revision sheet																					

B

B

1 | 2

Pro/E

PDM: Rev:D

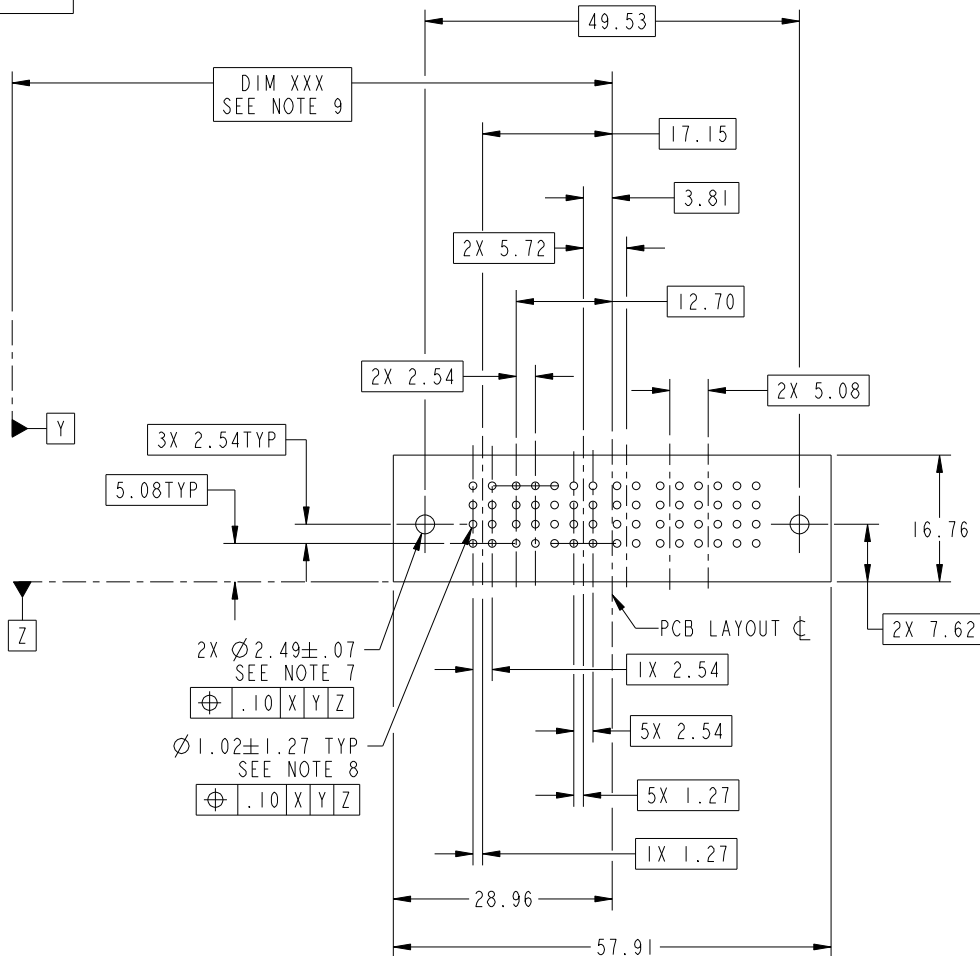
STATUS: Released

Printed: Oct 17, 2008



PRODUCT NUMBER

51939-004--
NOTE: 3



RECOMMENDED PCB LAYOUT

mat'l code				SEE NOTE		tolerances unless otherwise specified		CUSTOMER		FCI			
ltr	ecn no.	dr	date					COPY		www.fciconnect.com			
D				linear		0.X ±0.5		projection		title IP + 12S + 5P RIGHT ANGLE SOLDER HEADER			
						0.XX ±0.25							
				angles		0.XXX ±0.10				product family PwrBlade			
						0° ±2°							
				dr	J. SHAFFER	12/12/01		MM		size A			
				engr	M. MOSTOLLER	12/12/01		scale					
				chr	M. MOSTOLLER	12/12/01				51939-004			
				appd	M. MOSTOLLER	12/12/01							
sheet	revision									code 22506			
index	sheet												



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
 $\varnothing 1.02 \pm 0.07$ HOLE.

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

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

mat'l code				SEE NOTE			tolerances unless otherwise specified			CUSTOMER			FCI			www.fciconnect.com		
lfr	ecn no.	dr	date															
0				linear			$0.X \pm 0.5$			COPY								
							$0.XX \pm 0.25$			projection								
							$0.XXX \pm 0.10$											
				angles			$0^\circ \pm 2^\circ$											
				dr	J. SHAFFER	12/12/01				MM								
				enrg	M. MOSTOLLER	12/12/01												
				chr	M. MOSTOLLER	12/12/01				scale								
				appd	M. MOSTOLLER	12/12/01				1:1								
sheet	revision																	
index	sheet																	

1 | 2

Pro/E

PDM: Rev:D

STATUS: Released

Printed: Oct 17, 2008