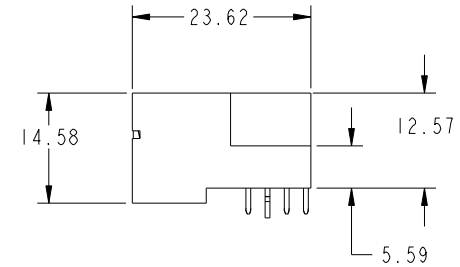
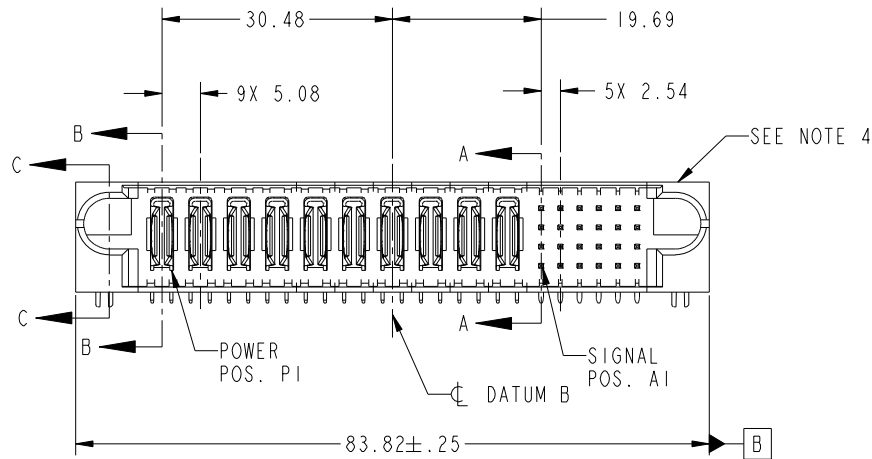
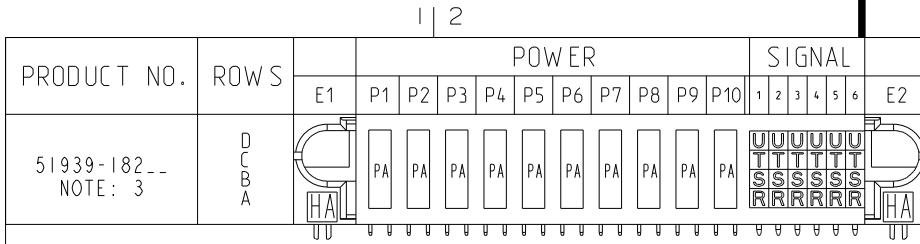


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CODE	DIM "M" MATING LENGTH	CONTACT TYPE
U	[6.86]	SIGNAL
T	[6.86]	SIGNAL
S	[6.86]	SIGNAL
R	[6.86]	SIGNAL
PA	[N/A]	POWER
HA	[N/A]	HOLD-DOWN

mat'l code				SEE NOTE		tolerances unless otherwise specified		CUSTOMER	
lir	ecn no.	dr	date	linear	0.X ± 0.5	COPY		FCI	
A	DG05-0106	SLUO	5/11/05	0.XX ± 0.25	projection		www.fciconnect.com		
B	DG05-0116	GuoJM	05/21/05	0.XXX ± 0.10	MM		title 10P + 24S		
C	DG06-0001	RYAN	01/04/06	angles 0° ± 2°	scale 1:1		RIGHT ANGLE SOLDER HEADER		
D	DG07-0498	JW	09/13/08	dr SLUO 5/11/05	product family PwrBlade		code 213		
				enrg SLUO 5/11/05	size A		sheet 1 of 4		
				chr VICTOR LIN 5/11/05	dwg no 51939-182				
				appd JOSEPH HSIA 5/11/05					
sheet index	revision sheet	D 1	D 2	D 3	D 4				

A

B

3

4

A

B

1 | 2

Pro/E

PDM: Rev:D

STATUS: Released

Printed: Dec 20, 2010

cage code 28556

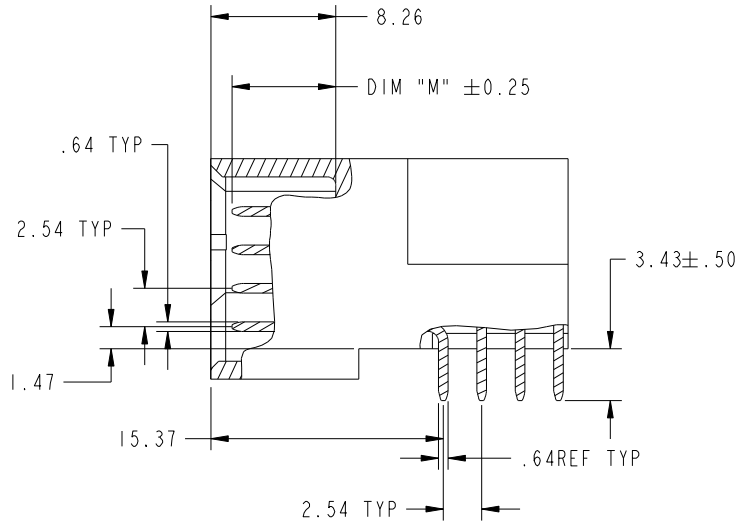
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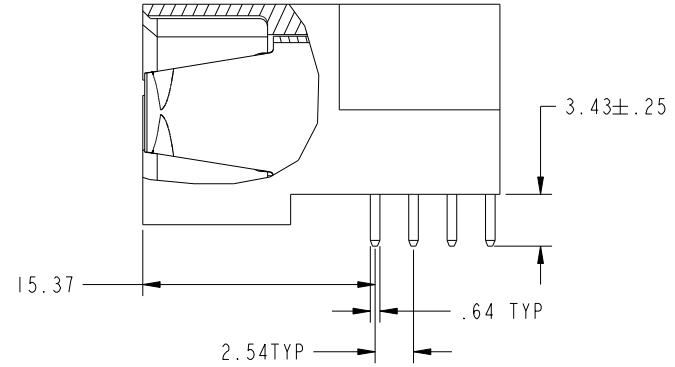


PRODUCT NUMBER

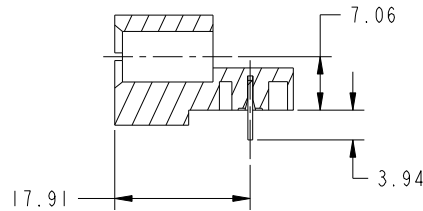
51939-182--
NOTE: 3



BROKEN-OUT SECTION A-A
SCALE 2:1



BROKEN-OUT SECTION B-B
SCALE 2:1



SECTION C-C

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		10P + 24S	
				angles	0.XXX ±0.10			RIGHT ANGLE SOLDER HEADER	
				dr	0° ±2°			product family	
				enr	SLU0 5/11/05	MM		PwrBlade	
				chr	SLU0 5/11/05			code	
				appd	VICTOR LIN 5/11/05	1:1		213	
					JOSEPH HSIA 5/11/05			sheet	
sheet index	revision sheet							2	
								A 51939-182	

cage code 28506

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PDM: Rev:D

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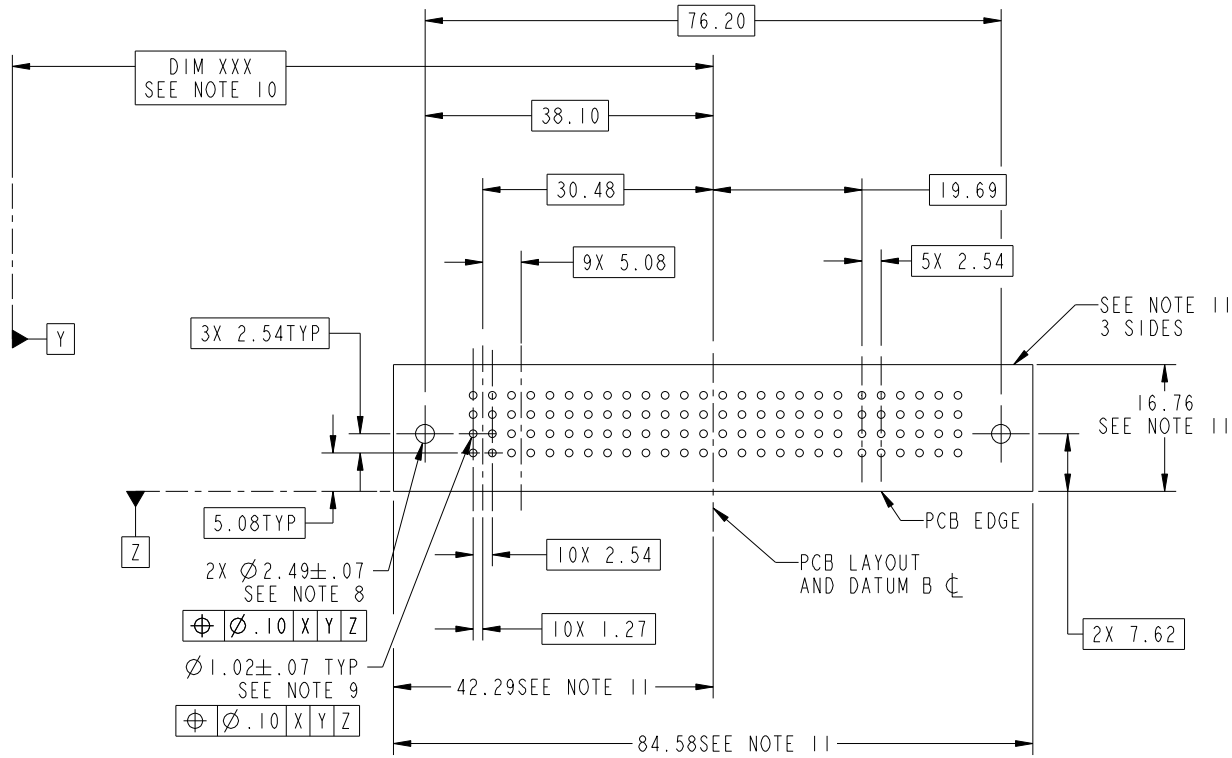
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PRODUCT NUMBER

51939-182--
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	
D				linear	0.XX ± 0.25	projection		10P + 24S	
				angles	0.XXX ± 0.10			RIGHT ANGLE SOLDER HEADER	
				dr	0° ± 2°			product family	
				enrg	SLU0 5/11/05	MM		PwrBlade	
				chr	SLU0 5/11/05			code	
				appd	VICTOR LIN 5/11/05	1:1		213	
					JOSEPH HSIA 5/11/05			sheet	
sheet index	revision sheet							3	
								A 51939-182	

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1 | 2

3

4

PRODUCT NUMBER

51939-182--
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. PLATING:
SEE ITEM 1 & 2 IN PRINT 10064183 FOR PLATING SPEC OF 51939-182; 51939-182LF PRESPECTIVELY

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. $\varnothing 1.151 \pm 0.025$ 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.

12 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	
lir	ecm no.	dr	date	linear	0.X ±0.5		COPY		title 10P + 24S RIGHT ANGLE SOLDER HEADER
D					0.XX ±0.25		projection		
					0.XXX ±0.10				
				angles	0° ±2°				product family PwrBlade code 213 sheet 4
				dr	SLU0	5/11/05	MM		
				enrg	SLU0	5/11/05			
				chr	VICTOR LIN	5/11/05	scale		A 51939-182
				appd	JOSEPH HSIA	5/11/05	1:1		
sheet index	revision sheet								

1 | 2

Pro/E

PDM: Rev:D

STATUS: Released

Printed: Dec 20, 2010