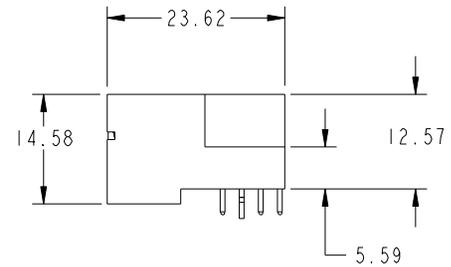
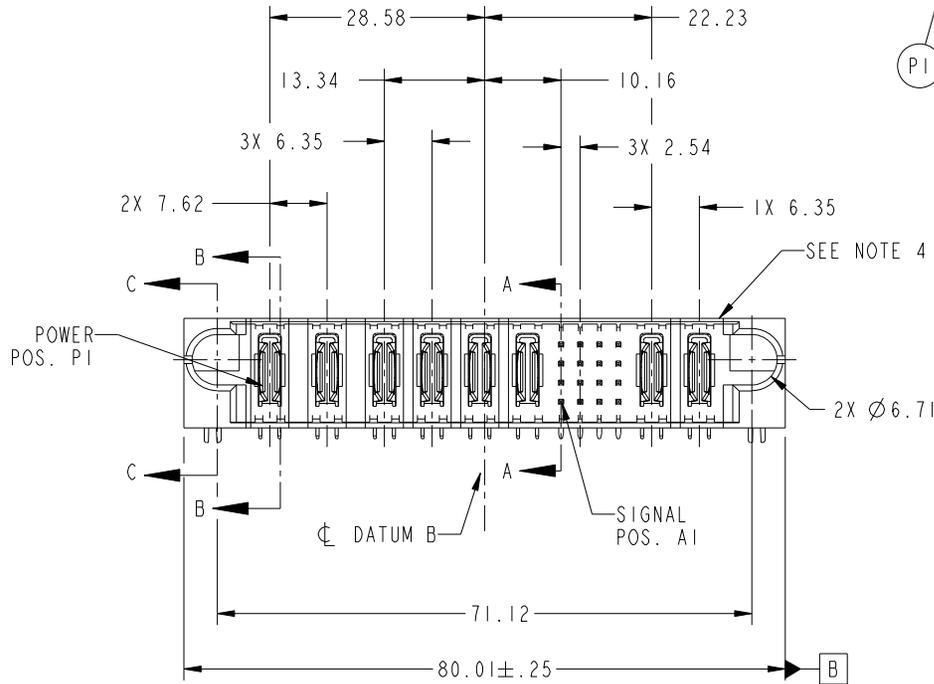
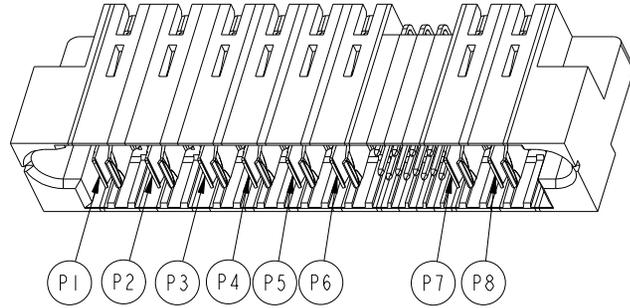
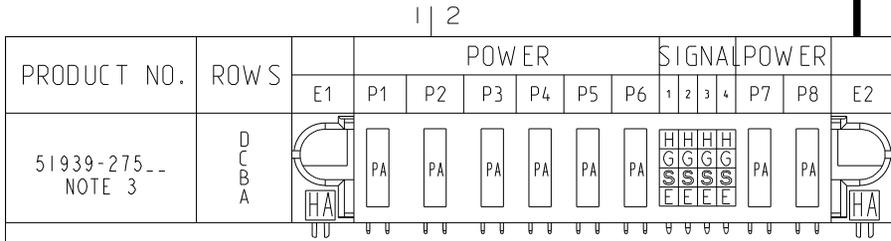


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CODE	DIM "M" MATING LENGTH	DIM "W" MIN WIPE LENGTH	CONTACT TYPE
S	6.86	3.86	SIGNAL
PA	N/A	N/A	POWER
HA	N/A	N/A	HOLD-DOWN
G	5.59	2.59	SIGNAL
H	5.59	2.59	SIGNAL
E	5.59	2.59	SIGNAL

mat'l code				SEE NOTE		tolerances unless otherwise specified		CUSTOMER		
ltr	ecn no.	dr	date	linear	0.X ± 0.5	COPY				
A	DG07-0035	RYAN	02/27/07	0.XX ± 0.25	projection		title			
B	DG07-0498	JW	09/12/08	0.XXX ± 0.10	angles		6P + 16S + 2P			
				angles	0° ± 2°			RIGHT ANGLE SOLDER HEADER		
				dr	RYAN YUAN	01/27/07	MM		product family	
				engr	RYAN YUAN	02/26/07	scale		PwrBlade	
				chr	BEER FU	01/27/07	1:1		code	
				appd	JOSEPH HSIA	01/27/07			213	
sheet index	revision sheet	B 1	B 2	B 3	B 4			size	sheet	
								dwg no	1 of 4	
								A		
								51939-275		

product family		PwrBlade		code	
size		dwg no		213	
A		51939-275		sheet	
				1 of 4	

B

B

1 | 2

3 |

4

Pro/E

PDM: Rev: B

STAT: Released

Printed: Dec 20, 2010

cage code 2856

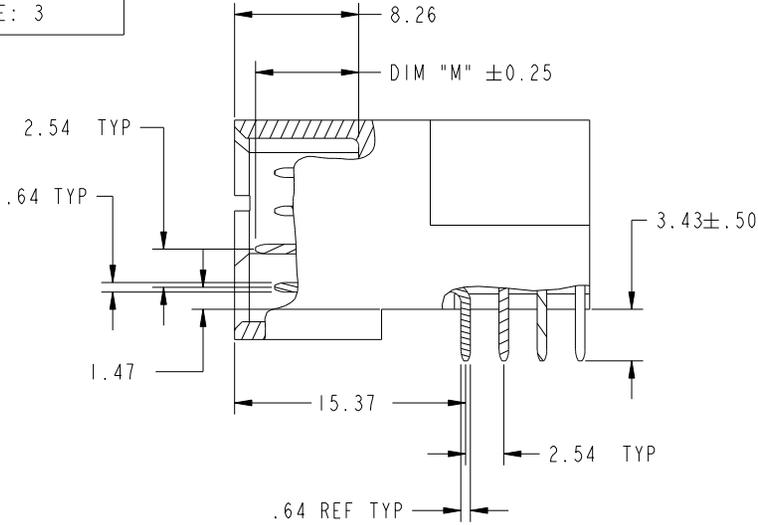
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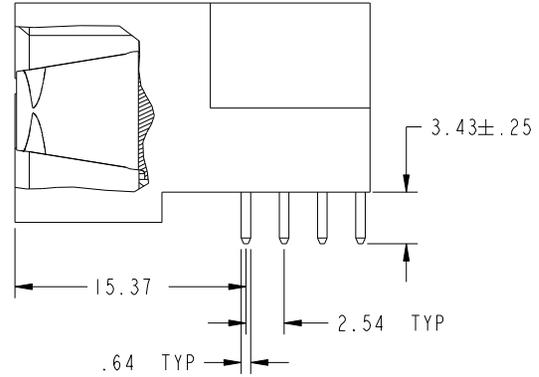


PRODUCT NUMBER

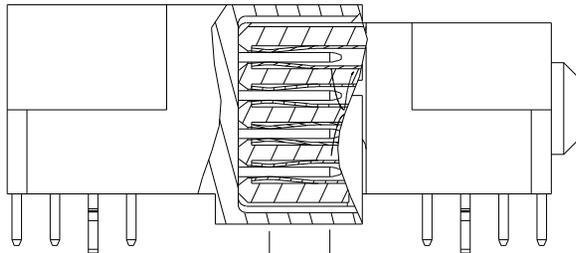
51939-275_
NOTE: 3



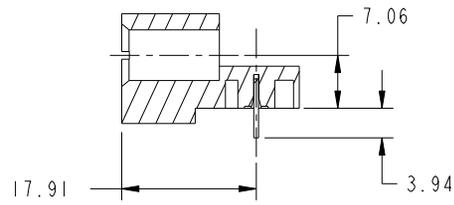
BROKEN-OUT SECTION A-A
SCALE 2:1



BROKEN-OUT SECTION B-B
SCALE 2:1



SECTION SIG-SIG
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	
B					0.XX ±0.25	projection		6P + 16S + 2P	
				angles	0.XXX ±0.10			RIGHT ANGLE SOLDER HEADER	
				dr	0° ±2°			product family	
				enr	RYAN YUAN 01/27/07	MM		PwrBlade	
				chr	RYAN YUAN 02/26/07			code	
				appd	BEER FU 01/27/07	1:1		213	
					JOSEPH HSIA 01/27/07			sheet	
sheet index	revision sheet							A 51939-275	
								2 of 4	

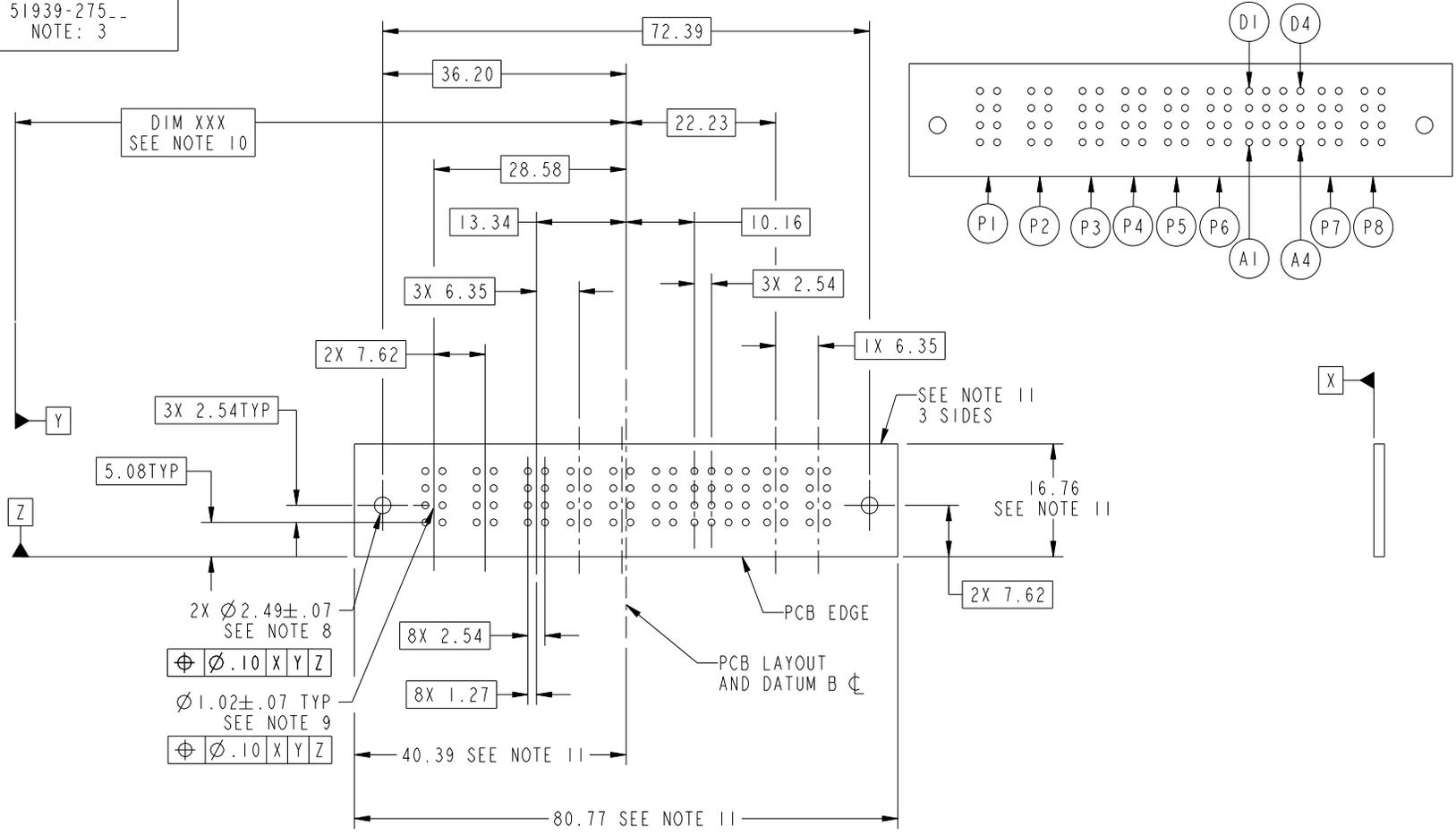
cage code 28506

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PRODUCT NUMBER
51939-275--
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		
B					0.XX ±0.25		projection		6P + 16S + 2P		
					0.XXX ±0.10				RIGHT ANGLE SOLDER HEADER		
				angles	0° ±2°		 MM		product family		code
					dr RYAN YUAN 01/27/07		scale		PwrBlade		213
					enr RYAN YUAN 02/26/07		1:1		size dwg no		sheet
					chr BEER FU 01/27/07				A 51939-275		3 of 4
					appd JOSEPH HSIA 01/27/07						
sheet index	revision sheet										

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3

4

PRODUCT NUMBER
51939-275__
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 51939-275; 51939-275LF 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 \triangle 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	ecn no.	dr	date	linear	0.X ± 0.5		COPY		title 6P + 16S + 2P RIGHT ANGLE SOLDER HEADER		
B					0.XX ± 0.25		projection				
					0.XXX ± 0.10						
				angles	0° $\pm 2°$				product family PwrBlade code		
				dr	RYAN YUAN	01/27/07	MM		size	dwg no	213
				enrg	RYAN YUAN	02/26/07			A	51939-275	sheet
				chr	BEER FU	01/27/07	scale		4 of 4		
				appd	JOSEPH HSIA	01/27/07	1:1				
sheet index	revision sheet										

A

A

B

B

1 | 2

Pro/E

PDM: Rev:B

STATUS: Released

Printed: Dec 20, 2010