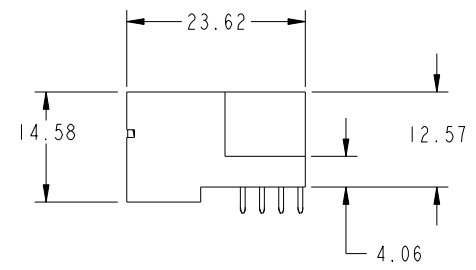
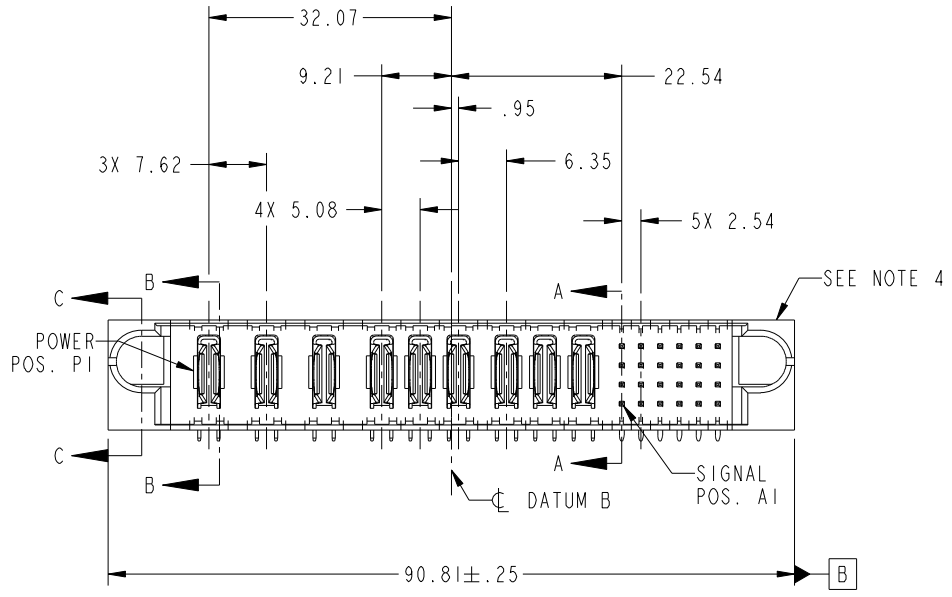
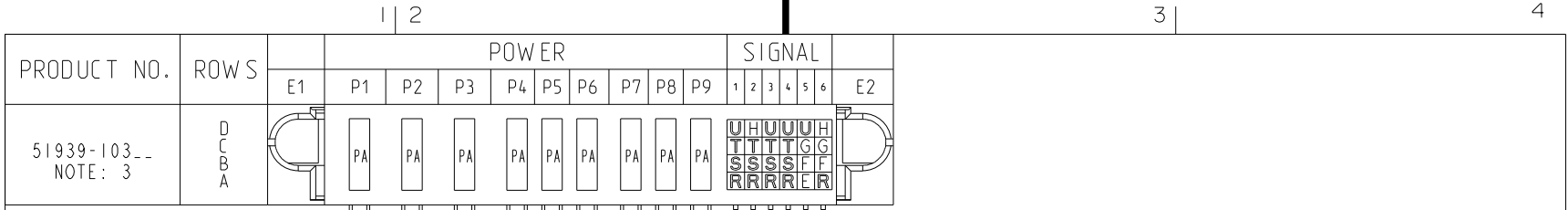


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CODE	DIM "M" MATING LENGTH	CONTACT TYPE
E	[5.59]	SIGNAL
F	[5.59]	SIGNAL
G	[5.59]	SIGNAL
H	[5.59]	SIGNAL
R	[6.86]	SIGNAL
S	[6.86]	SIGNAL
T	[6.86]	SIGNAL
U	[6.86]	SIGNAL
PA	[N/A]	POWER

mat'l code				SEE NOTE		tolerances unless otherwise specified	
ltr	ecn no.	dr	date	linear	angles		
A	V04-0014	TAB	01/12/04	0.X ± 0.5			
B	V04-0271	TAB	03/29/04	0.XX ± 0.25			
C	DG05-0464	SW	11/15/05	0.XXX ± 0.10			
D	DG07-0498	JW	09/12/08	0° ± 2°			
				dr	T. BRUNGARD	01/12/04	
				enrg	M. GRAY	01/12/04	
				chr	M. GRAY	01/12/04	
				appd	M. GRAY	01/12/04	
sheet index	revision sheet	D 1	D 2	D 3	D 4		

CUSTOMER		FCI	
COPY		www.fciconnect.com	
projection		title	
		9P + 24S	
		RIGHT ANGLE SOLDER HEADER	
product family	PwrBlade	code	213
size	dwg no	sheet	1 of 4
A	51939-103		
scale	1:1		

A

A

B

B

1 | 2

Pro/E

PDM: Rev:D

STATUS: Released

Printed: Dec 20, 2010

cage code 2856

4

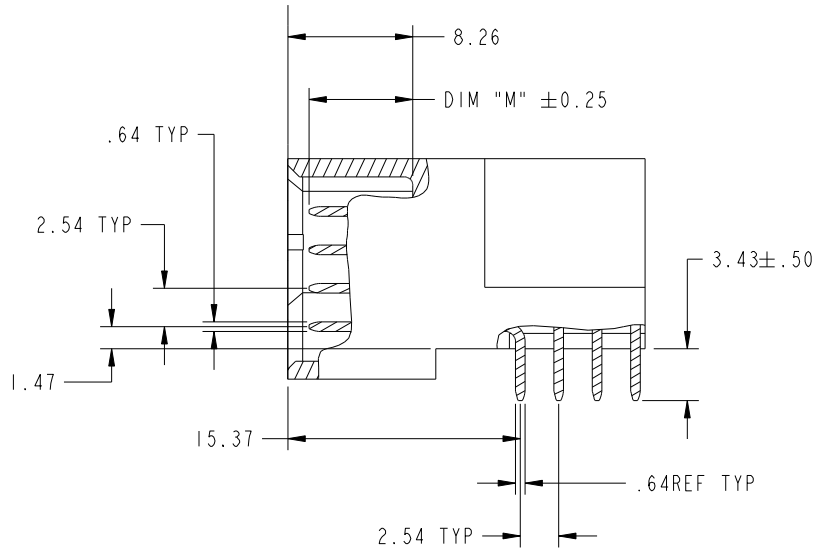
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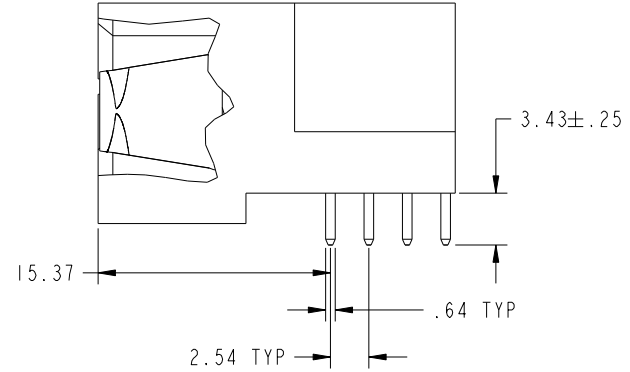


PRODUCT NUMBER

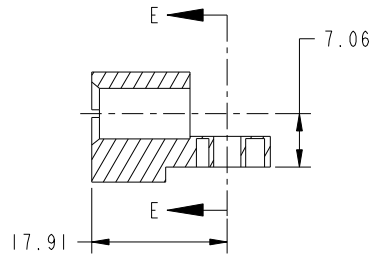
51939-103--
NOTE: 3



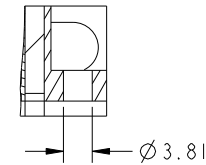
BROKEN-OUT SECTION A-A
SCALE 2:1



BROKEN-OUT SECTION B-B
SCALE 2:1



SECTION C-C



PARTIAL SECTION E-E

mat'l code				SEE NOTE		tolerances unless otherwise specified		CUSTOMER		www.fciconnect.com	
lir	ecn no.	dr	date	linear	0.X ±0.5	projection	COPY		title		
D					0.XX ±0.25		9P + 24S		RIGHT ANGLE SOLDER HEADER		
				angles	0.XXX ±0.10				product family		code
				dr	0° ±2°	MM	PwrBlade		size	dwg no	213
				enr	T. BRUNGARD 01/12/04	1:1	A		51939-103		sheet
				chr	M. GRAY 01/12/04					2	
				appd	M. GRAY 01/12/04						
sheet index	revision sheet										

cage code 28506

Pro/E

PDM: Rev:D

STATUS: Released

Printed: Dec 20, 2010

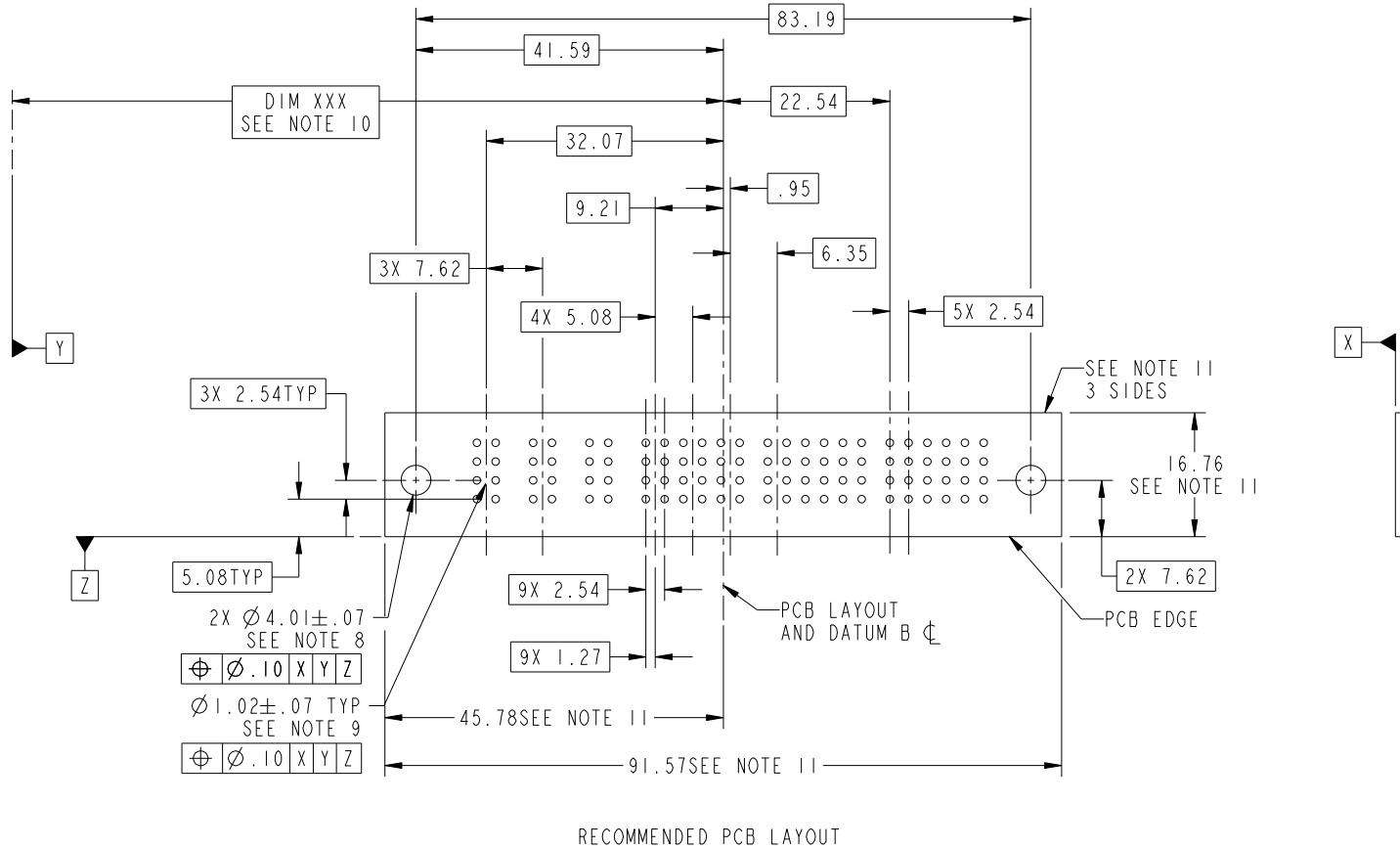
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PRODUCT NUMBER

51939-103--
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					0.XX ±0.25	projection		9P + 24S	
				angles	0.XXX ±0.10			RIGHT ANGLE SOLDER HEADER	
				dr	0° ±2°	MM		product family PwrBlade	
				enrg	T. BRUNGARD 01/12/04	scale		code	
				chr	M. GRAY 01/12/04	1:1		213	
				appd	M. GRAY 01/12/04			sheet	
sheet index		revision sheet						3	
								A 51939-103	

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1 | 2

3

4

PRODUCT NUMBER

51939-103--
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 51939-103; 51939-103LF

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		 www.fciconnect.com	
lir	ecn no.	dr	date	linear	0.X ± 0.5		COPY		title 9P + 24S RIGHT ANGLE SOLDER HEADER
D					0.XX ± 0.25		projection		
					0.XXX ± 0.10				
				angles	0° $\pm 2°$				product family PwrBlade code 213 sheet 4
				dr	T. BRUNGARD	01/12/04	MM		
				enrg	M. GRAY	01/12/04	scale		
				chr	M. GRAY	01/12/04	1:1		
				appd	M. GRAY	01/12/04	A		
sheet index	revision sheet								size 51939-103

A

A

B

B

1 | 2

Pro/E

PDM: Rev:D

STATUS: Released

Printed: Dec 20, 2010

cage code 2856