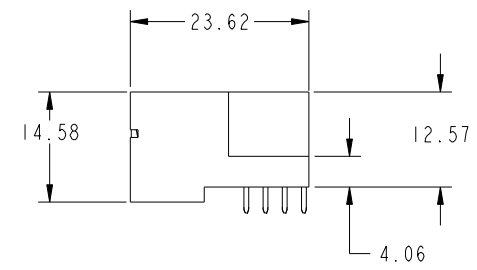
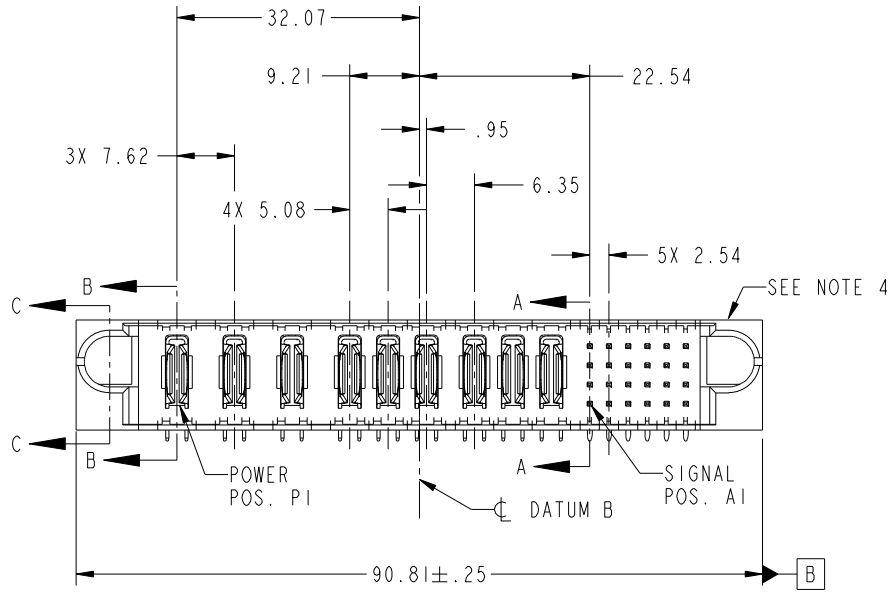
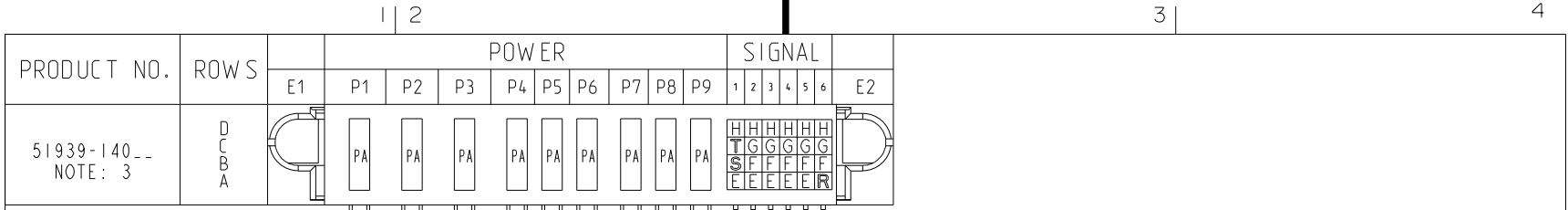


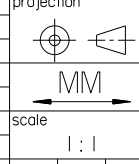
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CODE	DIM "M" MATING LENGTH	CONTACT TYPE
PA	[N/A]	POWER
T	[6.86]	SIGNAL
S	[6.86]	SIGNAL
R	[6.86]	SIGNAL
H	[5.59]	SIGNAL
G	[5.59]	SIGNAL
F	[5.59]	SIGNAL
E	[5.59]	SIGNAL

mat'l code				SEE NOTE		tolerances unless otherwise specified		CUSTOMER		
lir	ecn no.	dr	date	linear	angles	COPY		projection		
A	V04-1024	TAB	10/14/04	0.X ± 0.5	0° ± 2°	MM		title		
B	V04-1181	TAB	12/14/04	0.XX ± 0.25		1:1		9P + 24S		
C	DG05-0164	SJ	06/29/05	0.XXX ± 0.10		scale		RIGHT ANGLE SOLDER HEADER		
D	DG05-0415	GuoJM	10/25/05			product family		PwrBlade		
E	DG07-0498	JW	09/15/08			size		dwg no		
sheet index				revision sheet	E 1	E 2	E 3	E 4	code	
						A		51939-140		213
										sheet 1 of 4



product family PwrBlade
size A
dwg no 51939-140
code 213
sheet 1 of 4

3

4

1 | 2

A

A

B

B

1 | 2

Pro/E

PDM: Rev: E

STATUS: Released

Printed: Dec 20, 2010

cage code 2856

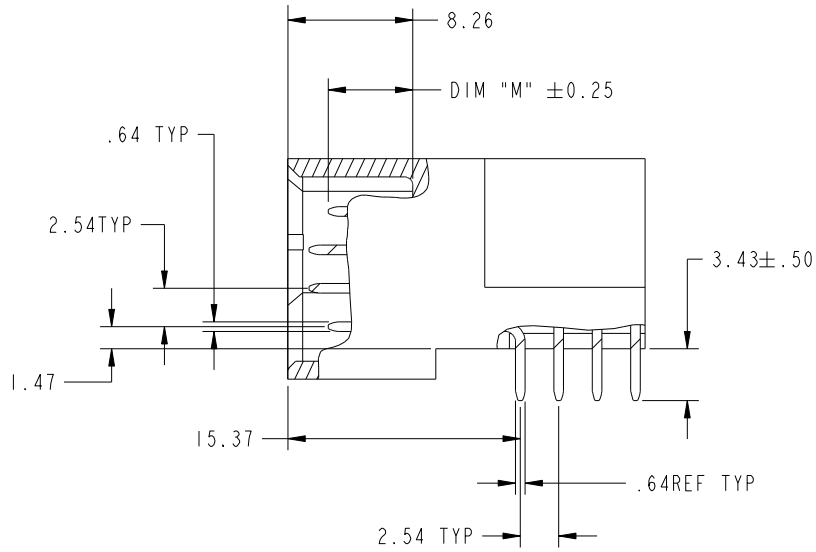
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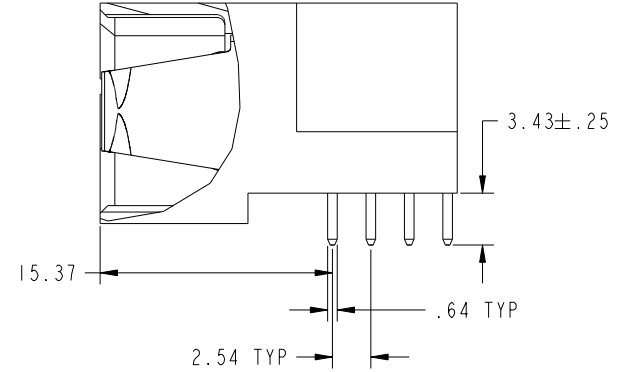


PRODUCT NUMBER

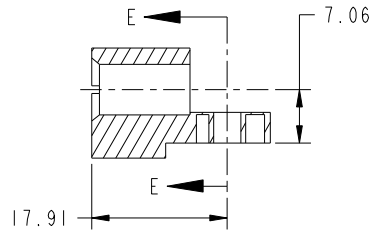
51939-140--
NOTE: 3



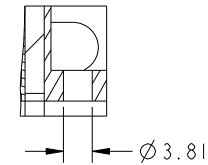
BROKEN-OUT SECTION A-A
SCALE 2:1



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	COPY		title	
E				linear	0.XX ±0.25	projection		9P + 24S	
				angles	0.XXX ±0.10			RIGHT ANGLE SOLDER HEADER	
				dr	0° ±2°			product family	
				engr	T. BRUNGARD 10/14/04	MM		PwrBlade	
				chr	M. GRAY 10/14/04	1:1		code	
				appd	M. GRAY 10/14/04	A		213	
sheet index	revision sheet					size		sheet	
						51939-140		2	
						cage code			
						28506			

A

A

B

B

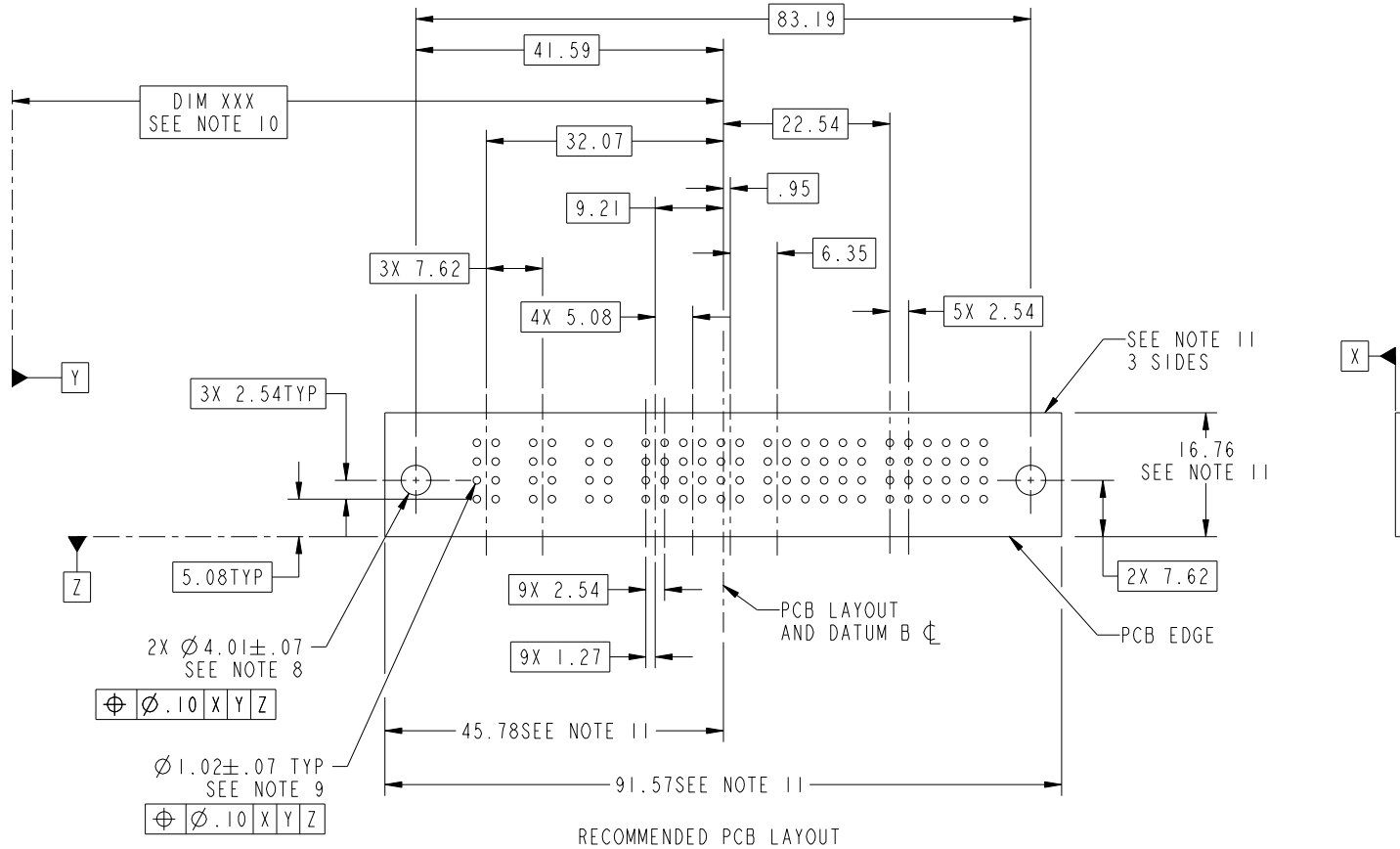
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PRODUCT NUMBER

51939-140--
NOTE: 3



RECOMMENDED PCB LAYOUT

mat'l code		SEE NOTE		tolerances unless otherwise specified		CUSTOMER		www.fciconnect.com	
lfr	ecn no.	dr	date	linear	0.X ± 0.5	COPY		title	
E					0.XX ± 0.25	projection		9P + 24S	
				angles	0.XXX ± 0.10			RIGHT ANGLE SOLDER HEADER	
					0° ± 2°			product family	
				dr	T. BRUNGARD 10/14/04	MM		PwrBlade	
				enrg	M. GRAY 10/14/04	scale		code	
				chr	M. GRAY 10/14/04	1:1		213	
				appd	M. GRAY 10/14/04	A		sheet	
sheet index	revision sheet					A		3	
						A		51939-140	

cage code 28506

STATUS: Released

Printed: Dec 20, 2010

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1 | 2

3

4

PRODUCT NUMBER

51939-140--
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

$\triangle E$ 3. PLATING:
SEE ITEM 1 & 2 IN PRINT 10064183 FOR PLATING SPEC OF 51939-140; 51939-140LF 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.

10. $\varnothing 1.151 \pm 0.025$ 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.

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

12. CONNECTOR KEEP-OUT ZONE.

13. A $\triangle E$ 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		
E					0.XX ± 0.25		projection				
					0.XXX ± 0.10						
				angles	0° $\pm 2°$				product family PwrBlade code		
				dr	T. BRUNGARD	10/14/04	MM		size	dwg no	213
				enrg	M. GRAY	10/14/04			A	51939-140	sheet
				chr	M. GRAY	10/14/04	scale		4		
				appd	M. GRAY	10/14/04	1:1				
sheet index	revision sheet										

cage code 22526

1 | 2

Pro/E

PDM: Rev: E

4