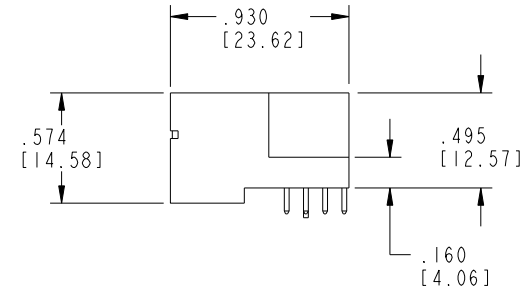
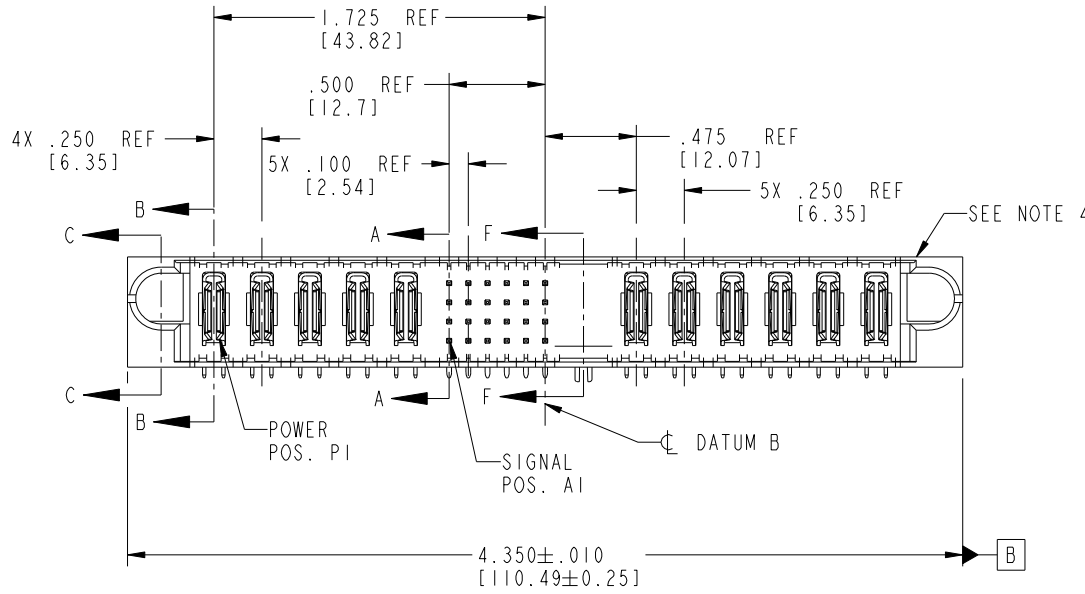
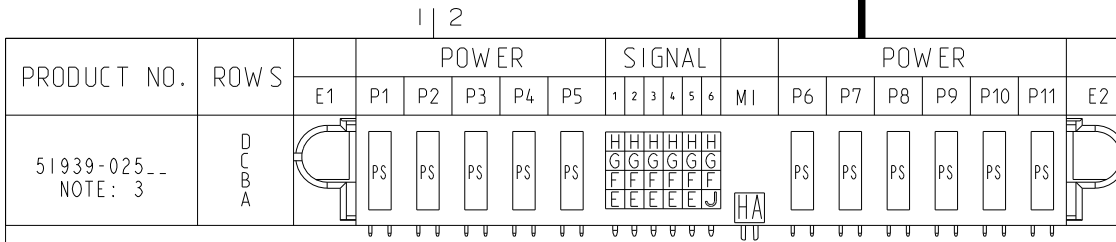


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CODE	DIM "M" MATING LENGTH	CONTACT TYPE
E	.220 [5.59]	SIGNAL
F	.220 [5.59]	SIGNAL
G	.220 [5.59]	SIGNAL
H	.220 [5.59]	SIGNAL
J	.170 [4.32]	SIGNAL
PS	N/A [N/A]	POWER
HA	N/A [N/A]	HOLD-DOWN

mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER	
ltr	ecn no.	dr	date	linear	.XX±.01/0.X±0.13	projection		FCI www.fciconnect.com	
A	V21369	CGD	08/21/02	angles	.XXX±.005/0.XX±0.13	INCH/MM		title 5P + 24S + 1M + 6P RIGHT ANGLE SOLDER HEADER	
B	DG05-0240	GuoJM	07/26/05		.XXX±.0020/0.XXX±0.051	scale 1:1		product family PwrBlade code 213	
C	DG06-0008	JMG	01/07/06		0°±2°			size dwg no 51939-025	
D	DG08-0272	WD	09/28/08	dr	C. DAILY 08/21/02			sheet 1 of 4	
				enrg	M. MOSTOLLER 08/21/02				
				chr	M. MOSTOLLER 08/21/02				
				appd	M. MOSTOLLER 08/21/02				
sheet index	revision sheet	D 1	D 2	D 3	D 4				

B

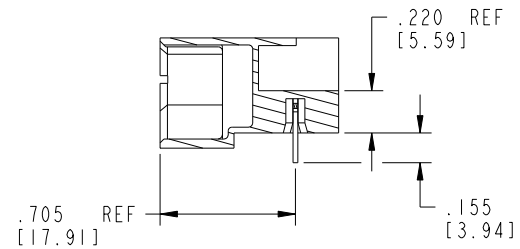
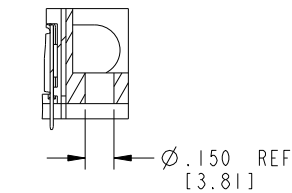
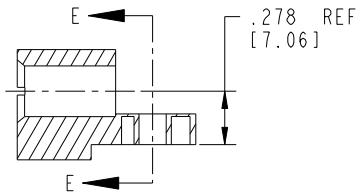
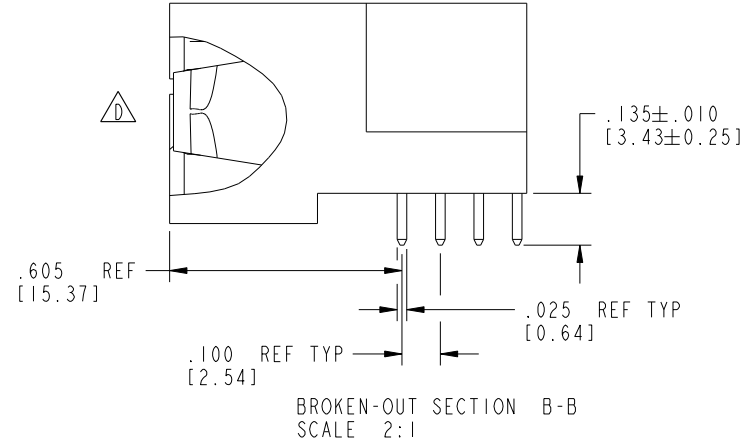
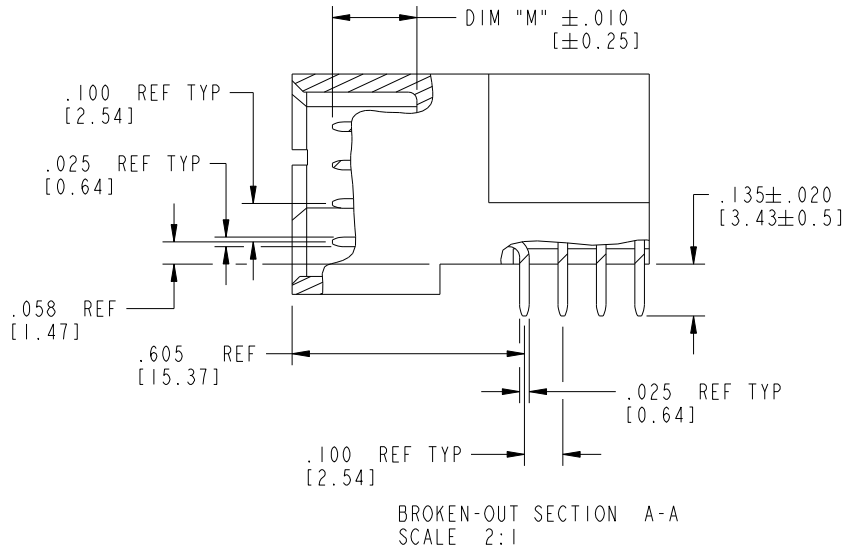
B

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PRODUCT NUMBER
51939-025__
NOTE: 3



mat'l code		SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		FCI	
lir	ecn no.	dr	date	linear	.XX±.01/0.X±0.3	COPY		www.fciconnect.com	
D				projection	.XX±.005/0.XX±0.13	INCH/MM		title 5P + 24S + 1M + 6P	
				angles	.XXX±.0020/0.XXX±0.051	1:1		RIGHT ANGLE SOLDER HEADER	
				dr	0° ± 2°	scale		product family PwrBlade	
				engr	C. DAILY 08/21/02	A		code 213	
				chr	M. MOSTOLLER 08/21/02	51939-025		sheet 2 of 4	
				appd	M. MOSTOLLER 08/21/02	A		size dwg no	
sheet index	revision sheet								

Pro/E

PDM: Rev:D

STATUS: Released

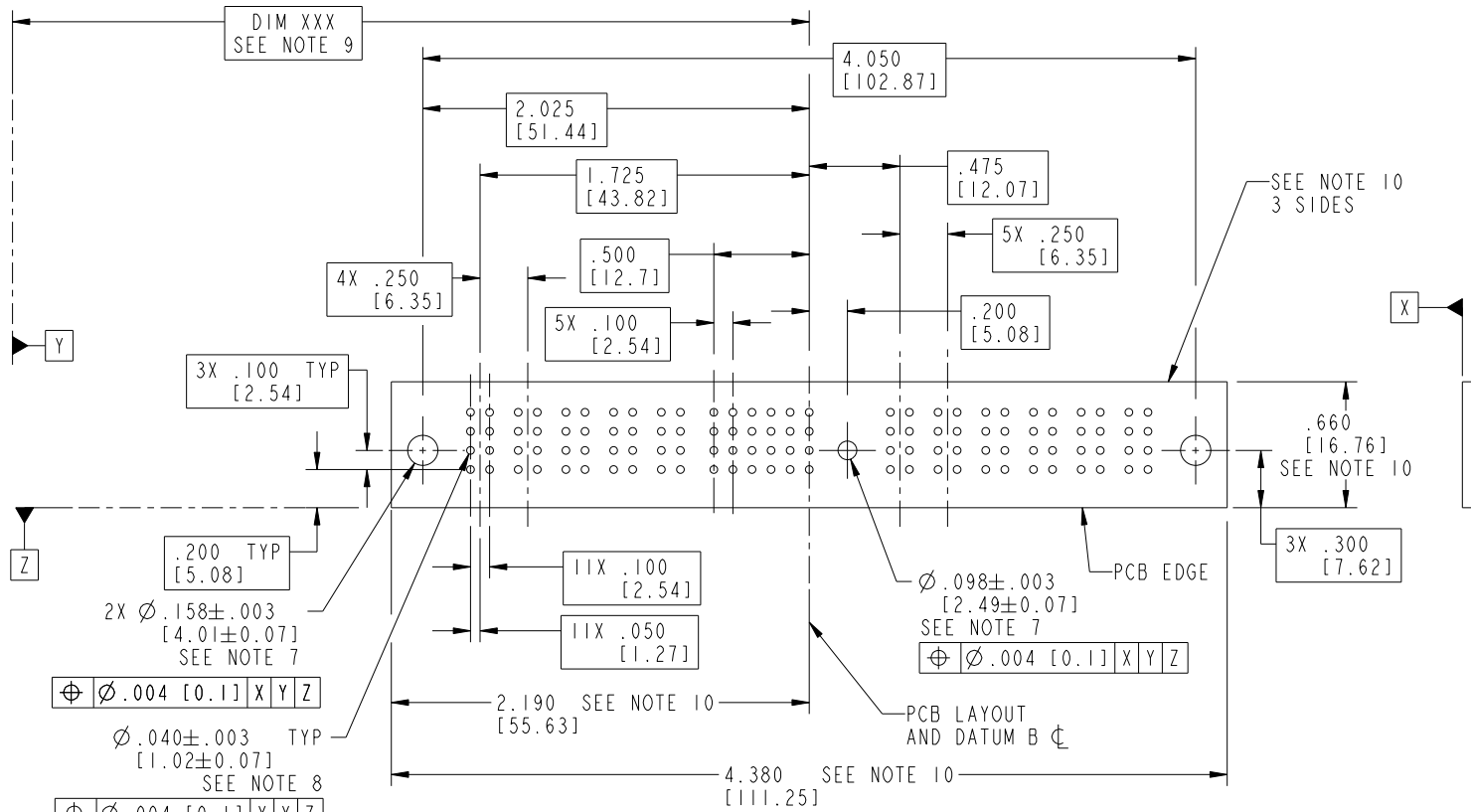
Printed: Dec 20, 2010

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PRODUCT NUMBER
51939-025__
NOTE: 3



RECOMMENDED PCB LAYOUT

mat'l code		SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com	
lfr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3	projection	title 5P + 24S + 1M + 6P		
D				angles	.XX±.005/0.XX±0.13		RIGHT ANGLE SOLDER HEADER		
				dr	.XXX±.0020/0.XXX±0.051	INCH/MM	product family	PwrBlade	code
				engr	0° ± 2°	scale	size	dwg no	213
				chr	C. DAILY 08/21/02	1:1	A 51939-025		sheet
				appd	M. MOSTOLLER 08/21/02				3 of 4
sheet index		revision sheet							

cage code 28536

Pro/E

PDM: Rev: D

STATUS: Released

Printed: Dec 20, 2010

PRODUCT NUMBER
 51939-025__
 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. SEE ITEM 1 & 2 IN PRINT 10064183 FOR PLATING SPEC OF 51939-025 AND 51939-025LF RESPECTIVELY.

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.

PCB NOTES:

- 6. ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE.
- 7. MOUNTING HOLES, WHERE APPLICABLE, ARE UNPLATED.

8. $\varnothing .0453 \pm .0010$ [1.151 \pm 0.025] DRILLED HOLES PLATED WITH .0003 [0.008] MIN SnPb OVER .001 [0.03] TO .003 [0.08] Cu PLATING TO ACHIEVE $\varnothing .040 \pm .003$ [1.02 \pm .07] HOLE.

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

10. CONNECTOR KEEP-OUT ZONE.

11. 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 2		tolerances unless otherwise specified		CUSTOMER		FCI	
ltr	ecn no.	dr	date	linear	.XX \pm .01 / 0.X \pm 0.3	projection		COPY		www.fciconnect.com	
D					.XXX \pm .005 / 0.XX \pm 0.13					title 5P + 24S + 1M + 6P	
				angles	.XXX \pm .0020 / 0.XXX \pm 0.051					RIGHT ANGLE SOLDER HEADER	
				dr	C. DAILY 08/21/02	INCH/MM		product family PwrBlade		code 213	
				engr	M. MOSTOLLER 08/21/02	scale 1:1		size A		sheet 4 of 4	
				chr	M. MOSTOLLER 08/21/02			51939-025			
				appd	M. MOSTOLLER 08/21/02						
sheet index		revision sheet									

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