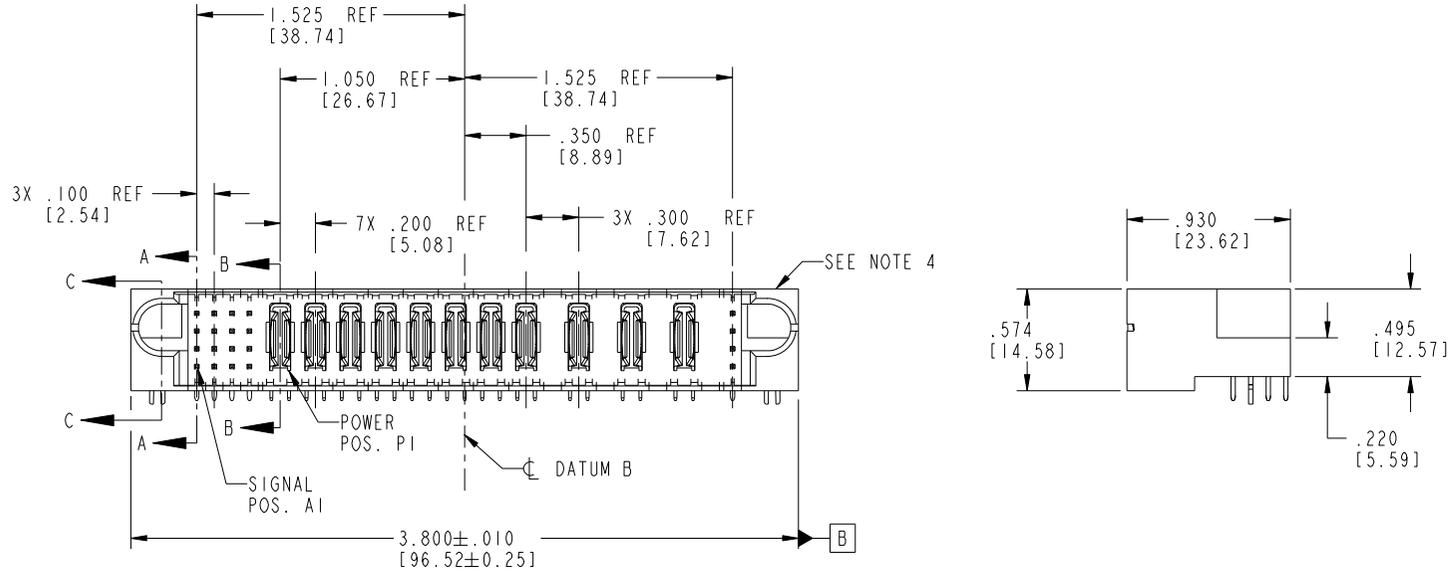


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PRODUCT NO. 51939-065... NOTE: 3	ROWS D C B A	SIG.				POWER										SIG.	
		E1	1	2	3	4	P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	P11



CODE	DIM "M" MATING LENGTH	CONTACT TYPE
H	.220 [5.59]	SIGNAL
R	.270 [6.86]	SIGNAL
S	.270 [6.86]	SIGNAL
T	.270 [6.86]	SIGNAL
U	.270 [6.86]	SIGNAL
PA	N/A [N/A]	POWER
HA	N/A [N/A]	HOLD-DOWN

mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		FCI	
ltr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3	projection	1	2	COPY		www.fciconnect.com
A	V03-0586	TAB	05/21/03	linear	.XXX±.005/0.XX±0.13	1	2	title		16S + 8P + 3ACP + 4S	
B	V03-0650	TAB	06/13/03	angles	.XXX±.0020/0.XXX±0.051	1	2	RIGHT ANGLE SOLDER HEADER		product family	
C	V03-1166	TAB	10/27/03	angles	0°±2°	1	2	INCH/MM		PwrBlade	
D	DG06-0014	JMG	01/11/06	dr	T. BRUNGARD 05/21/03	scale	1:1	product size		code	
E	DG08-0273	WD	01/02/09	enr	M. MOSTOLLER 05/21/03	dwg no	A	51939-065		213	
				chr	M. MOSTOLLER 05/21/03	sheet	1	of 4			
				appd	M. MOSTOLLER 05/21/03						
sheet index	revision sheet	E	E	E	E						
		1	2	3	4						

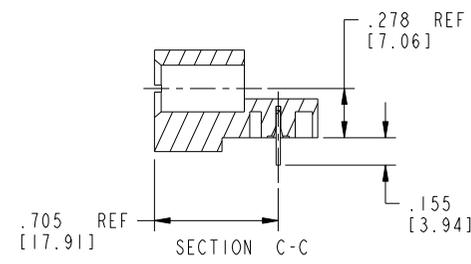
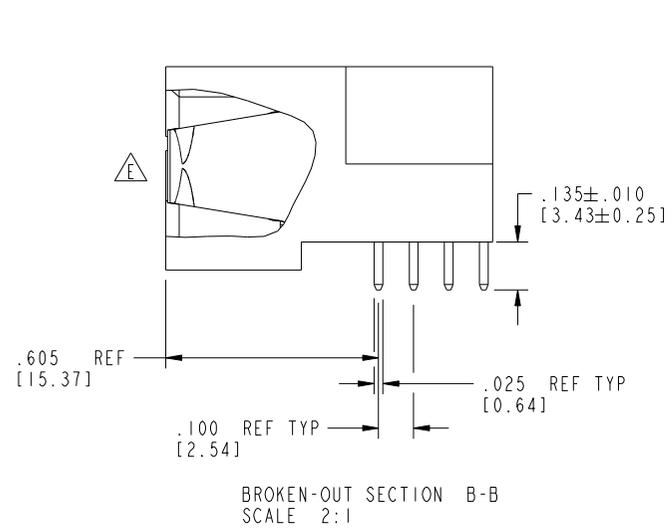
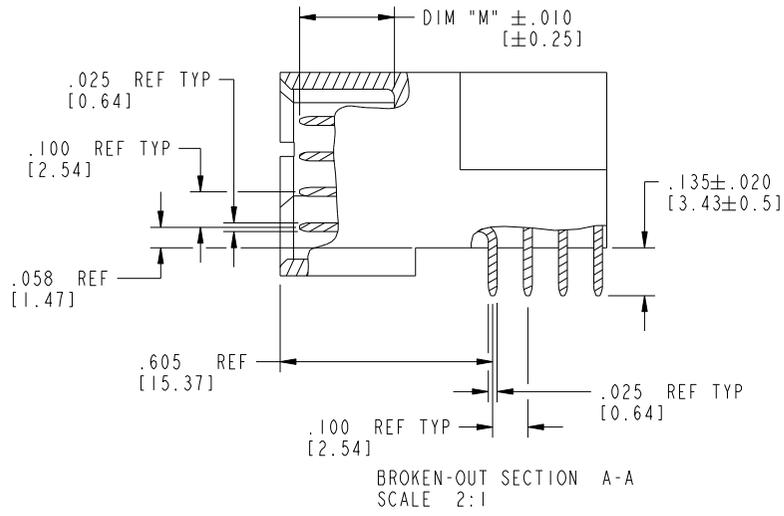
cage code 22526

Pro/E

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PRODUCT NUMBER
51939-065--
NOTE: 3



mat'l code		SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		FCI	
ltr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3	COPY		www.fciconnect.com	
E					.XXX±.005/0.XX±0.13	projection		title 16S + 8P + 3ACP + 4S	
				angles	.XXX±.0020/0.XXX±0.051			RIGHT ANGLE SOLDER HEADER	
				dr	T. BRUNGARD 05/21/03	INCH/MM		product family PwrBlade code 213	
				enrg	M. MOSTOLLER 05/21/03	scale		size dwg no 213	
				chr	M. MOSTOLLER 05/21/03	1:1		sheet 2 of 4	
				appd	M. MOSTOLLER 05/21/03			A 51939-065	
sheet index	revision sheet								

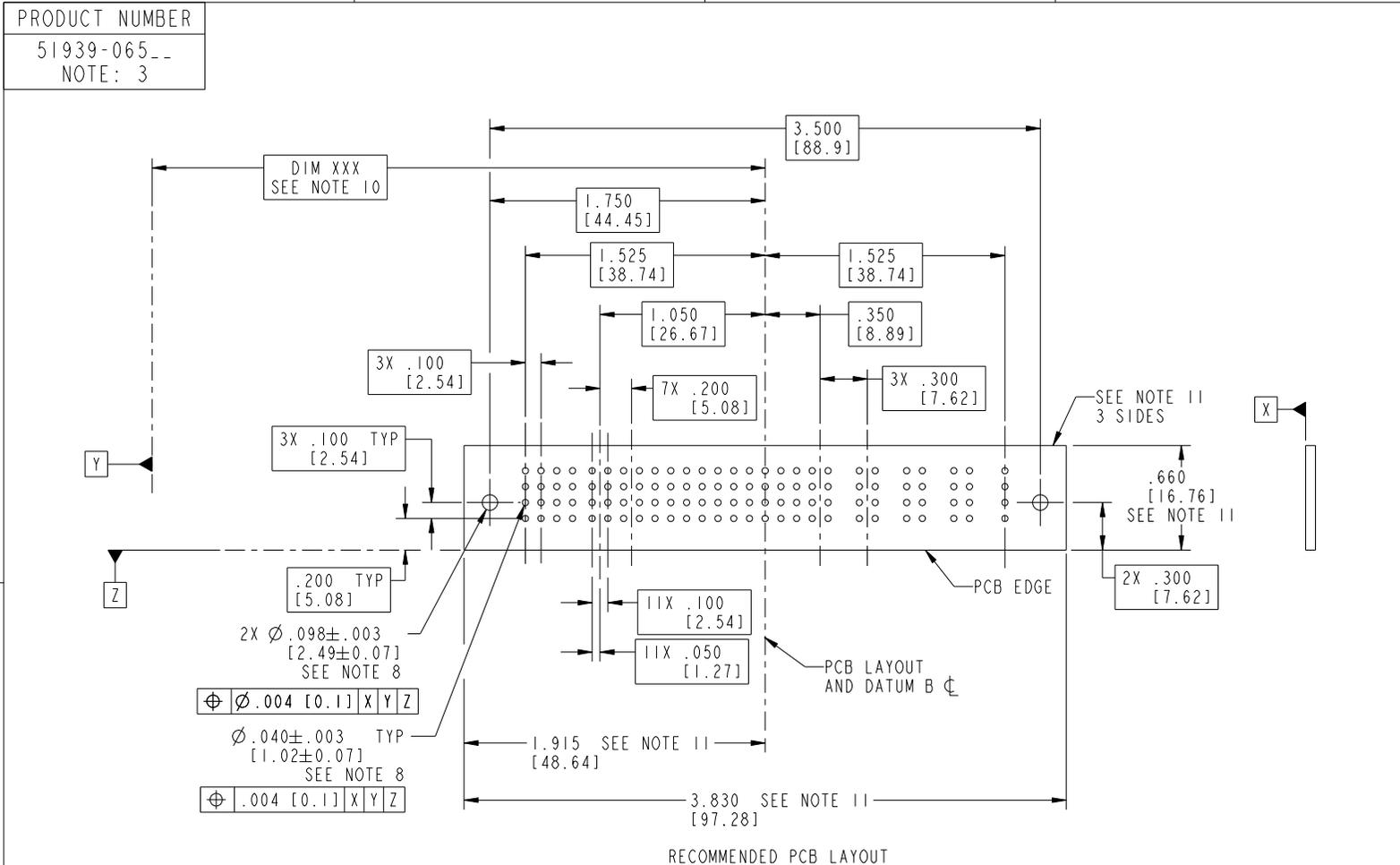
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mat'l code		SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com		
ltr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3		COPY		title 16S + 8P + 3ACP + 4S RIGHT ANGLE SOLDER HEADER	
E					.XXX±.005/0.XX±0.13		projection			product family PwrBlade code 213 size dwg no 51939-065 sheet 3 of 4
					.XXX±.0020/0.XXX±0.051		 INCH/MM scale 1:1			
				angles	0°±2°					
				dr	T. BRUNGARD	05/21/03			cage code 22526	
				enrg	M. MOSTOLLER	05/21/03				
				chr	M. MOSTOLLER	05/21/03				
				appd	M. MOSTOLLER	05/21/03				
sheet index	revision sheet									

RECOMMENDED PCB LAYOUT

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PRODUCT NUMBER
51939-065__
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 51939-065 AND 51939-065LF 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.

6. PACKAGED IN TRAYS.

PCB NOTES:

7. ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE.

- 8. MOUNTING HOLES, WHERE APPLICABLE, ARE UNPLATED.

- 9. $\varnothing .0453 \pm .0010$ [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.

- 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 2		tolerances unless otherwise specified		CUSTOMER		FCJ	
ltr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3	projection	COPY		www.fciconnect.com		
E					.XXX±.005/0.XX±0.13		title 16S + 8P + 3ACP + 4S		RIGHT ANGLE SOLDER HEADER		
				angles	.XXX±.002/0.XXX±0.051		product family PwrBlade		code 213		
				dr	0°+2°		size		sheet 4 of 4		
				enr	T. BRUNGARD 05/21/03	INCH/MM		dwg no		213	
				chr	M. MOSTOLLER 05/21/03	scale		A		51939-065	
				appd	M. MOSTOLLER 05/21/03	1:1					
sheet index	revision sheet										

cage code 22526

Mouser Electronics

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FCI:

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