

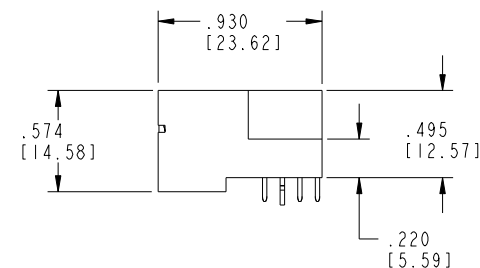
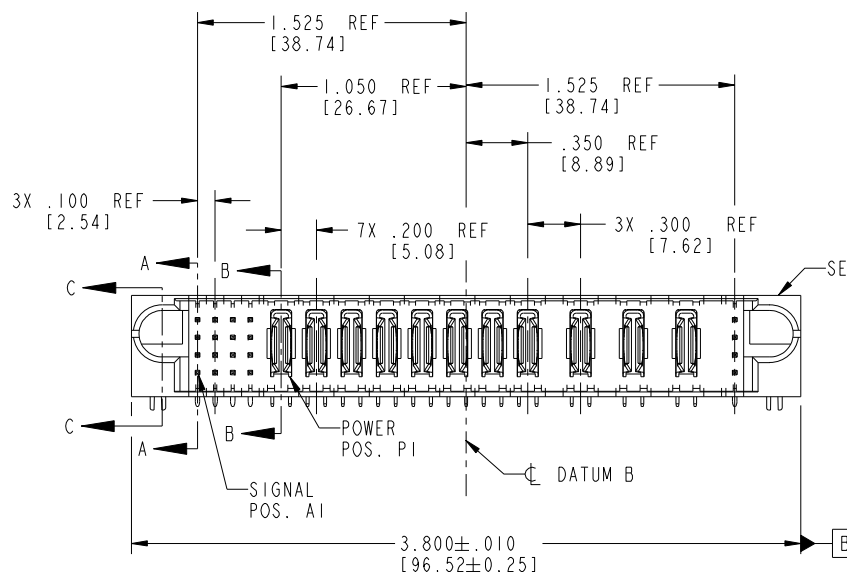


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CODE	DIM "M" MATING LENGTH	CONTACT TYPE
H	.220 [5.59]	SIGNAL
R	.270 [6.86]	SIGNAL
S	.270 [6.86]	SIGNAL
T	.270 [6.86]	SIGNAL
U	.270 [6.86]	SIGNAL
PA	N/A [N/A]	POWER
HA	N/A [N/A]	HOLD-DOWN

PRODUCT NO.	ROWS	SIG.				POWER											SIG.					
		E1	1	2	3	4	P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	P11	5	E2			
51939-065_-- NOTE: 3	D C B A		UUUU	TTTT	SSSS	RRRR	PA	PA	PA	PA	PA	PA	PA	PA	PA	PA	PA	HTSR				
																						



mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		FCI		www.fciconnect.com	
ltr	ecn no.	dr	date					COPY					
A	V03-0586	TAB	05/21/03	linear		.XX±.01/0.X±0.3		projection					
B	V03-0650	TAB	06/13/03			.XXX±.005/0.XX±0.13							
C	V03-1166	TAB	10/27/03	angles		.XXX±.0020/0.XXX±0.051							
D	DG06-0014	JMG	01/11/06			0°±2°							
E	DG08-0273	WD	01/02/09	enr				INCH/MM					
				chr				scale					
				appd				1:1					
sheet index	revision	E	E	E	E								
	sheet	1	2	3	4								

sheet index

revision

E E E E

1 2 3 4

Pro/E

3

cage code 22526

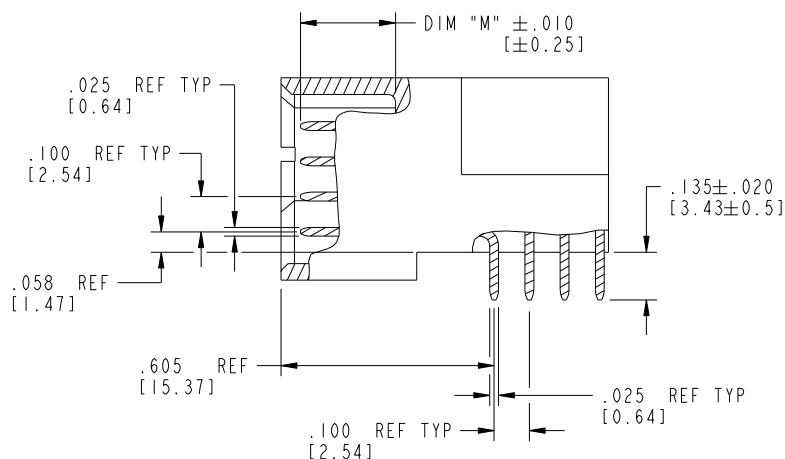
4



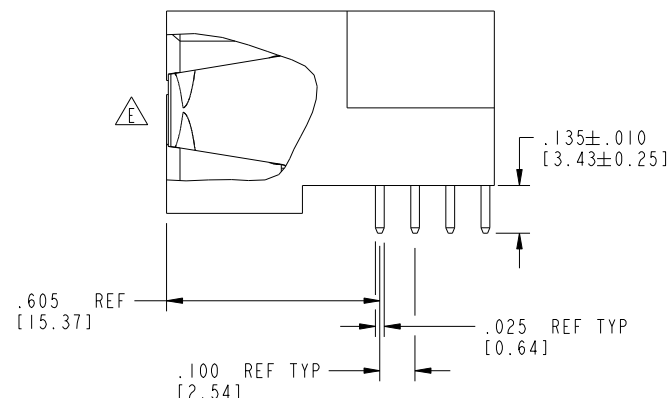
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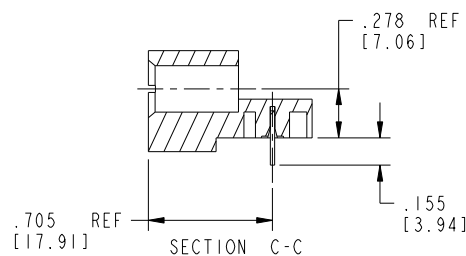
PRODUCT NUMBER
51939-065--
NOTE: 3



BROKEN-OUT SECTION A-A
SCALE 2:1



BROKEN-OUT SECTION B-B
SCALE 2:1



mat'l code				SEE NOTE 2				tolerances unless otherwise specified				CUSTOMER				FCI 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									
										.XXX±.0020/0.XXX±0.051											
								angles		0°±2°											
								dr		T. BRUNGARD 05/21/03		INCH/MM				product family		PwrBlade		code	
								enrg		M. MOSTOLLER 05/21/03						size		dwg no		213	
								chr		M. MOSTOLLER 05/21/03		scale				A		51939-065		sheet	
								appd		M. MOSTOLLER 05/21/03		1:1								2 of 4	
sheet index		revision sheet																			

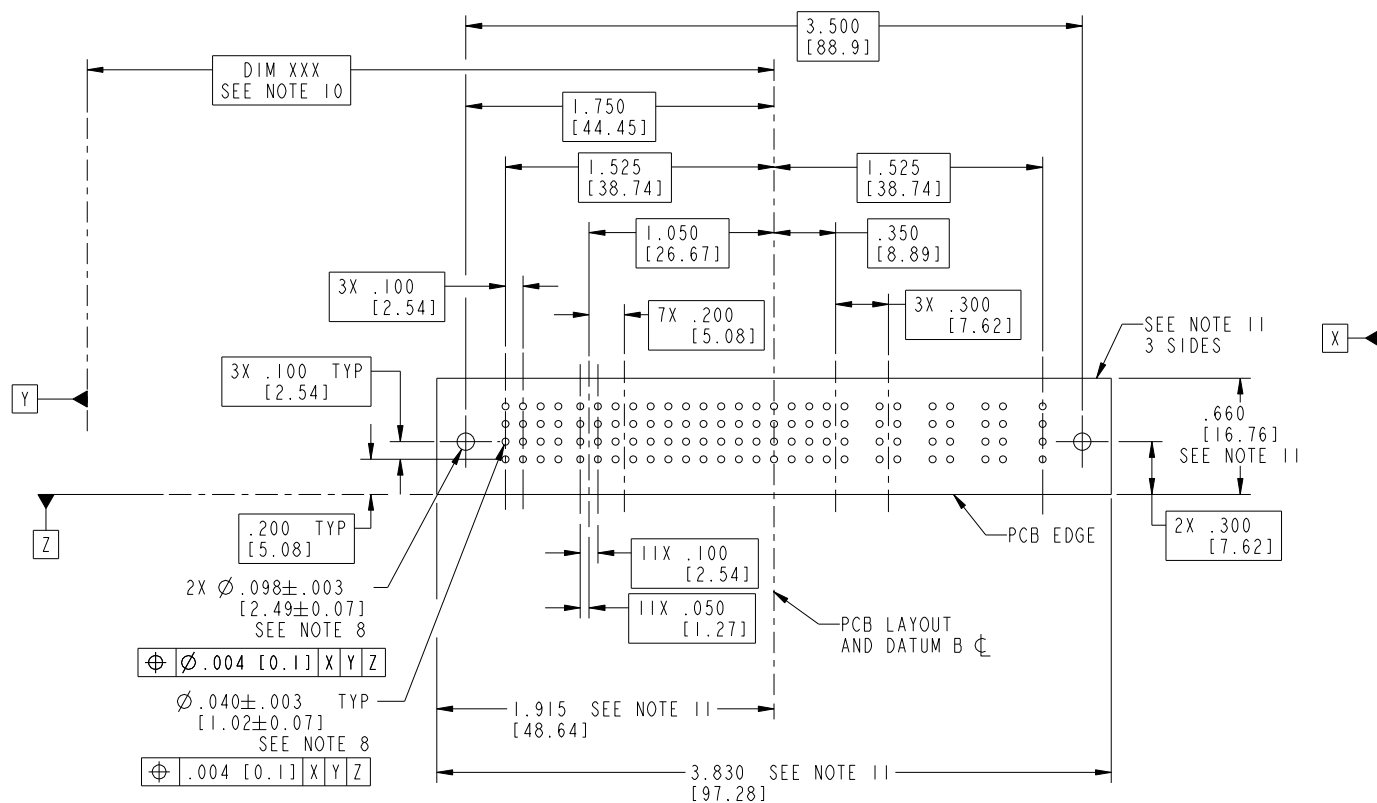
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cage code 22526

B

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PRODUCT NUMBER
51939-065--
NOTE: 3



RECOMMENDED PCB LAYOUT

mat'l code				SEE NOTE 2				tolerances unless otherwise specified				CUSTOMER				 www.fciconnect.com			
litr		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									
								.XXX±.0020/0.XXX±0.051		angles									
								0°±2°		dr		INCH/MM							
								T. BRUNGARD 05/21/03		engr						scale 1:1			
								M. MOSTOLLER 05/21/03		chr		product family PwrBlade							
								M. MOSTOLLER 05/21/03		appd						size dwg no 213			
								M. MOSTOLLER 05/21/03				A 51939-065							
																sheet 3 of 4			
sheet index		revision sheet																	

Pro/E

cage code	22526
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4

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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. 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 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							
									.XXX±.0020/0.XXX±0.051											
								angles	0°±2°								product family PwrBlade code 213 sheet 4 of 4			
								dr	T. BRUNGARD 05/21/03				INCH/MM							
								engr	M. MOSTOLLER 05/21/03				scale							
								chr	M. MOSTOLLER 05/21/03				1:1				A 51939-065			
								appd	M. MOSTOLLER 05/21/03											
sheet index		revision sheet																		

cage code 22526