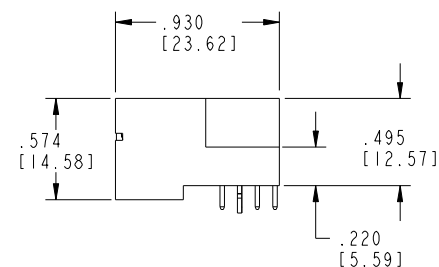
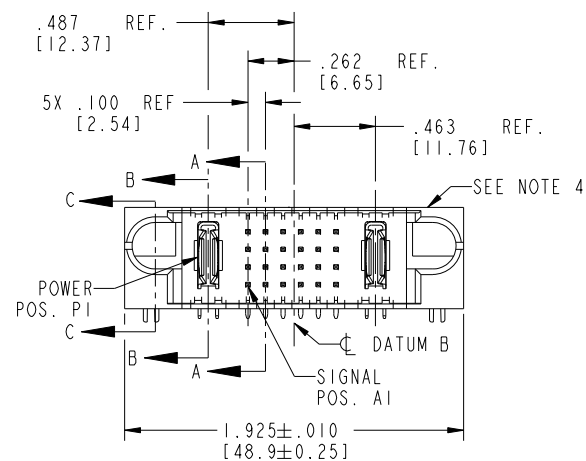
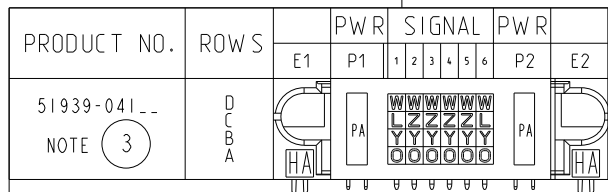


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CODE	DIM "M" MATING LENGTH	CONTACT TYPE
HA	N/A [N/A]	HOLD-DOWN
W	.254 [6.45]	SIGNAL
L	.170 [4.32]	SIGNAL
Y	.254 [6.45]	SIGNAL
O	.254 [6.45]	SIGNAL
Z	.254 [6.45]	SIGNAL
PA	N/A [N/A]	POWER

mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		FCI		www.fciconnect.com	
litr	ecn no.	dr	date					COPY		projection		title	
A	V04-0122	MEM	1/27/03	linear		.XX±.01/0.X±0.3						IP + 24S + IP	
B	V04-1118	TAB	11/17/04			.XXX±.005/0.XX±0.13						RIGHT ANGLE SOLDER HEADER	
C	DG06-0008	JMG	01/09/06	angles		.XXX±.0020/0.XXX±0.051							
D	DG06-0234	JMG	06/14/06	dr		0°±2°						product family	PwrBlade
E	DG08-0273	WD	12/30/08	enrg								size	213
				chr								dwg no	51939-041
				appd								scale	1:1
												sheet	1 of 4
sheet index	revision	E	E	E	E								
	sheet	1	2	3	4								

Pro/E

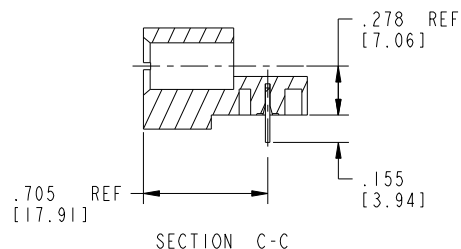
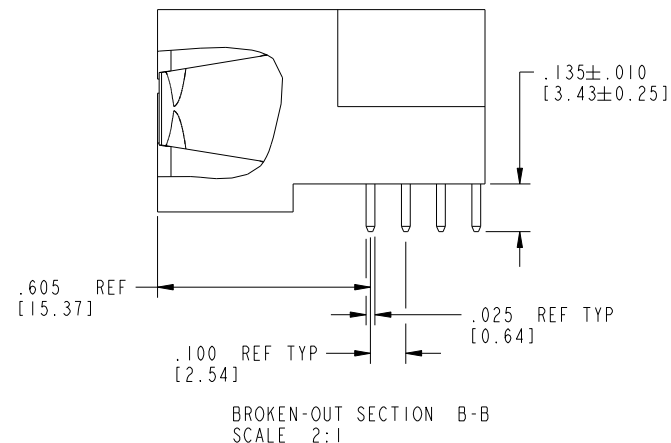
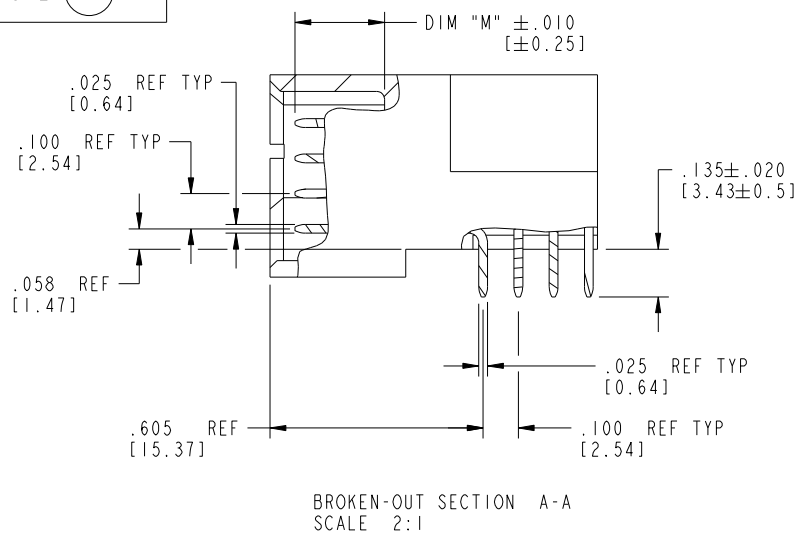
cage code 22526



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PRODUCT NUMBER
51939-041--
NOTE (3)



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					
E					.XXX±.005/0.XX±0.13	projection					
					.XXX±.0020/0.XXX±0.051						
				angles	0°±2°			title IP + 24S + 1P RIGHT ANGLE SOLDER HEADER			
		dr	M. MOSTOLLER 1/27/03			INCH/MM		product family PwrBlade		code	
		enrg	M. MOSTOLLER 1/27/03			scale 1:1		size		213	
		chr	H. BREWBAKER 1/27/03					dwg no		51939-041	sheet
		appd	M. MOSTOLLER 1/27/03								2 of 4
sheet index	revision			sheet							

Pro/E

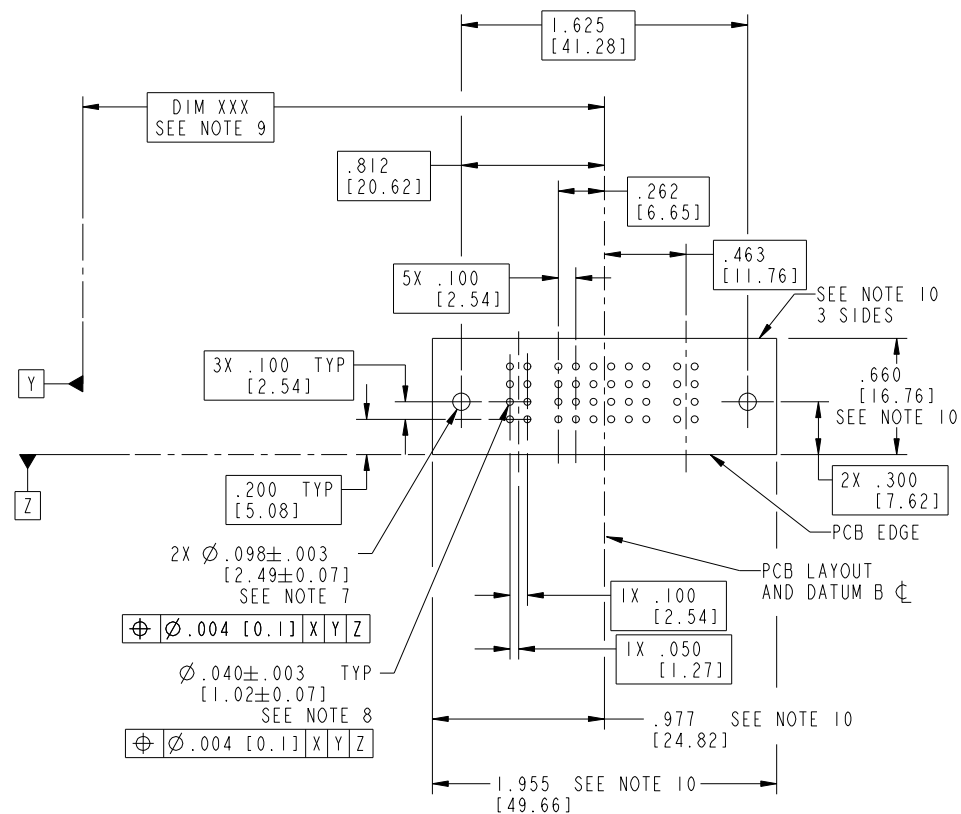
cage code 22526



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PRODUCT NUMBER
51939-041--
NOTE (3)



RECOMMENDED PCB LAYOUT

mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		FCI	
ltr	ecn no.	dr	date					COPY		www.fciconnect.com	
E				linear		.XX±.01/0.X±0.3		projection		title IP + 24S + IP	
						.XXX±.005/0.XX±0.13				RIGHT ANGLE SOLDER HEADER	
				angles		.XXX±.0020/0.XXX±0.051				product family PwrBlade	
				dr	M. MOSTOLLER	1/27/03		INCH/MM		size	code 213
				enrg	M. MOSTOLLER	1/27/03				dwg no	sheet 3 of 4
				chr	H. BREWBAKER	1/27/03		scale		51939-041	
				appd	M. MOSTOLLER	1/27/03		1:1			
sheet index	revision sheet										

Pro/E

cage code 22526

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PRODUCT NUMBER
51939-041--
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 51939-041 AND 51939-041LF 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 △ 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		www.fciconnect.com	
ltr	ecn no.	dr	date	linear	$.XX \pm .01 / 0.X \pm 0.3$		COPY			title	
E					$.XXX \pm .005 / 0.XX \pm 0.13$		projection			IP + 24S + IP	
					$.XXX \pm .0020 / 0.XXX \pm 0.051$					RIGHT ANGLE SOLDER HEADER	
				angles	$0^\circ \pm 2^\circ$		INCH/MM			product family	
				dr	M. MOSTOLLER 1/27/03		scale			PwrBlade	
				enrg	M. MOSTOLLER 1/27/03		1:1			code	
				chr	H. BREWBAKER 1/27/03		A		size		
				appd	M. MOSTOLLER 1/27/03				dwg no		
sheet index		revision sheet								51939-041	
										213	
										sheet	
										4 of 4	

cage code 22526