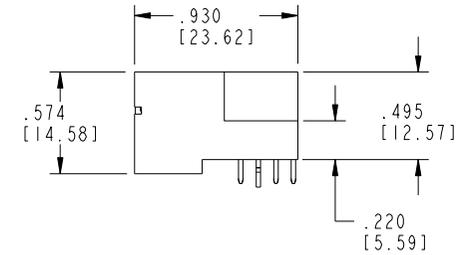
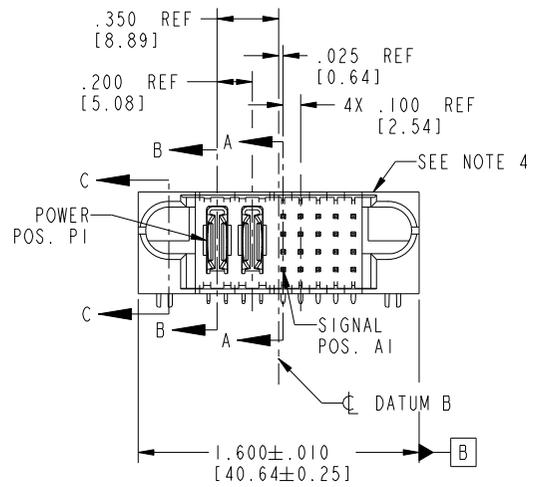
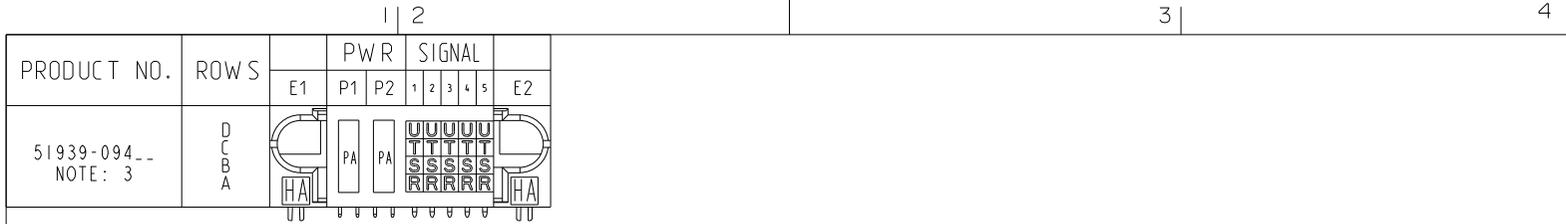


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CODE	DIM "M" MATING LENGTH	CONTACT TYPE
R	.270 [6.86]	SIGNAL
S	.270 [6.86]	SIGNAL
T	.270 [6.86]	SIGNAL
U	.270 [6.86]	SIGNAL
PA	N/A [N/A]	POWER
HA	N/A [N/A]	HOLD-DOWN

mat'l code				SEE NOTE 2		tolerances unless otherwise specified	
ltr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3	projection	
A	V03-1240	TAB	11/20/03		.XXX±.005/0.XX±0.13	INCH/MM	
B	DG06-0014	JMG	01/16/06	angles	.XXX±.002/0.XXX±0.051	scale	1:1
C	DG09-0003	WD	01/17/09		0°±2°		
				dr	T. BRUNGARD 11/20/03		
				enr	M. GRAY 11/20/03		
				chr	M. GRAY 11/20/03		
				appd	M. GRAY 11/20/03		
sheet index	revision sheet	C 1	C 2	C 3	C 4		

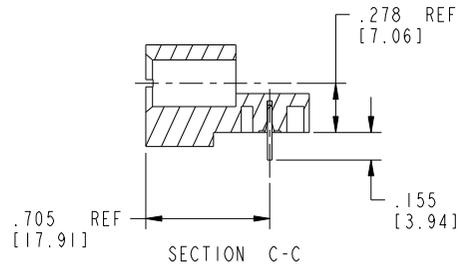
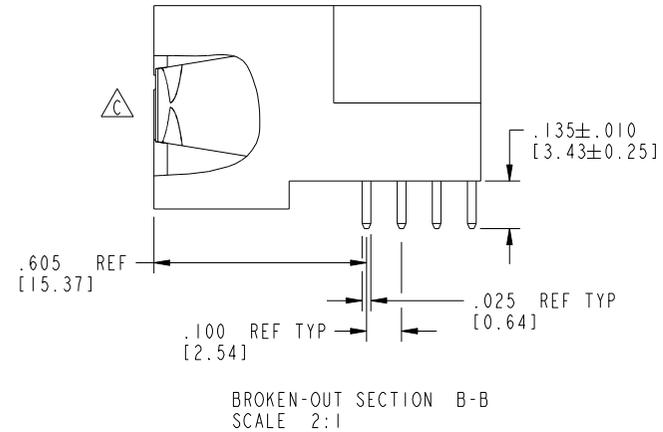
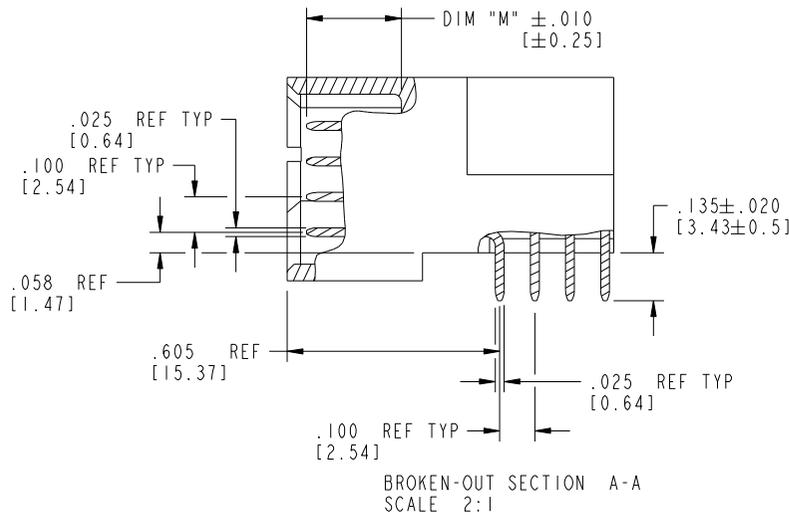
CUSTOMER		FCI	
COPY		www.fciconnect.com	
title		2P + 20S RIGHT ANGLE SOLDER HEADER	
product family		PwrBlade	
size	dwg no	code	213
A	51939-094	sheet	1 of 4
cage code		22526	

Pro/E 3 cage code 22526 4

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PRODUCT NUMBER  
51939-094\_\_  
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	
C					.XXX±.005/0.XX±0.13	projection	title		2P + 20S
				angles	.XXX±.0020/0.XXX±0.051			RIGHT ANGLE SOLDER HEADER	
				dr	0°+2°	INCH/MM		product family	PwrBlade
				enr	T. BRUNGARD 11/20/03	scale	size	dwg no	code
				chr	M. GRAY 11/20/03	1:1	A	51939-094	213
				appd	M. GRAY 11/20/03				sheet
sheet index	revision sheet								2 of 4

cage code 22526

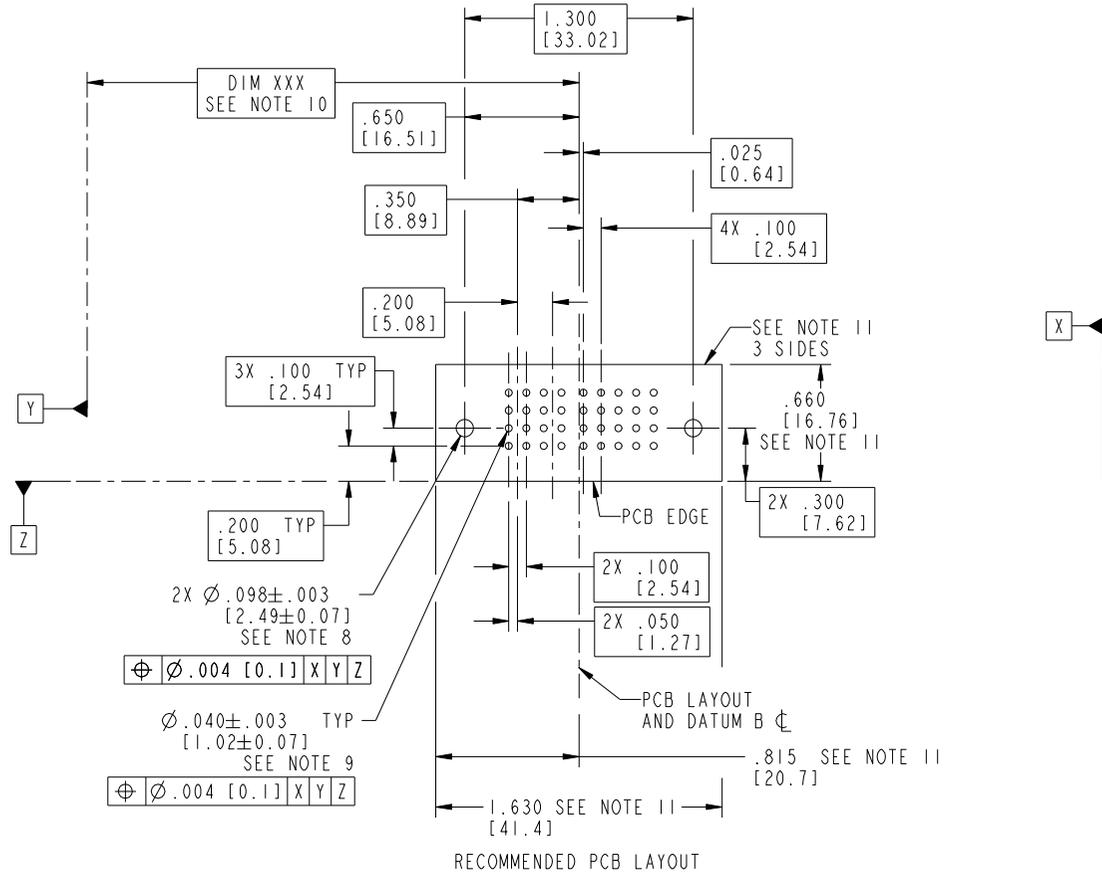
Pro/E

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PRODUCT NUMBER  
51939-094\_\_  
NOTE: 3



RECOMMENDED PCB LAYOUT

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	
C					.XXX±.005/0.XX±0.13	projection		2P + 20S	
				angles	.XXX±.002/0.XXX±0.051			RIGHT ANGLE SOLDER HEADER	
				dr	0°±2°	INCH/MM		product family	
				enr	T. BRUNGARD 11/20/03	scale		PwrBlade	
				chr	M. GRAY 11/20/03	1:1		code	
				appd	M. GRAY 11/20/03	A		213	
sheet index		revision sheet				size		dwg no	
						A		51939-094	
						3 of 4			

cage code 22526

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PRODUCT NUMBER
51939-094__
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 51939-094 AND 51939-094LF 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  $\triangle$ 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±.01/0.X±0.3	COPY		projection		title	
C					.XXX±.005/0.XX±0.13					2P + 20S	
				angles	.XXX±.002/0.XXX±0.051					RIGHT ANGLE SOLDER HEADER	
					0°±2°			INCH/MM		product family	
				dr	T. BRUNGARD 11/20/03			scale		PwrBlade	
				enr	M. GRAY 11/20/03			1:1		code	
				chr	M. GRAY 11/20/03			A		213	
				appd	M. GRAY 11/20/03			51939-094		sheet	
sheet index		revision sheet								4 of 4	

cage code 22526