

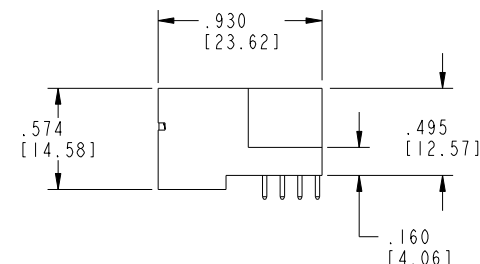
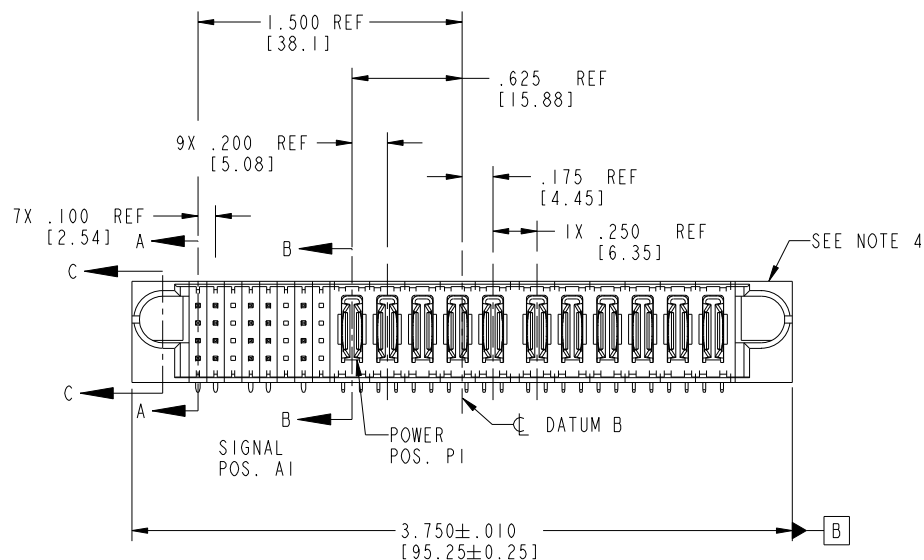


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CODE	DIM "M" MATING LENGTH	CONTACT TYPE
H	.220 [5.59]	SIGNAL
R	.270 [6.86]	SIGNAL
S	.270 [6.86]	SIGNAL
T	.270 [6.86]	SIGNAL
U	.270 [6.86]	SIGNAL
PA	N/A [N/A]	POWER
X	OMITTED	OMITTED

PRODUCT NO.	ROWS	SIGNAL								POWER											E2		
		E1	1	2	3	4	5	6	7	8	P1	P2	P3	P4	P5	P6	P7	P8	P9	P10		P11	
51939-052-- NOTE: ③	D C B A		UU	UU	UU	UU	UU	UU	UU	XX	PA	PA	PA	PA	PA	PA	PA	PA	PA	PA	PA	PA	
			TT	TT	TT	TT	TT	TT	TT	XX													
			SS	SS	SS	SS	SS	SS	SS	XX													
			RR	RR	RR	RR	RR	RR	RR	XX													



mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		FCI		www.fciconnect.com	
ltr	ecn no.	dr	date					COPY		projection		title	
A	V03-0328	TAB	03/19/03	linear		.XX±.01/0.X±0.3						32S + 11P	
B	DG05-0231	SJ	07/18/05			.XXX±.005/0.XX±0.13						RIGHT ANGLE SOLDER HEADER	
C	DG06-0014	JMG	01/10/06	angles		.XXX±.0020/0.XXX±0.051							
D	DG08-0273	WD	12/30/08			0°±2°							
				dr	T. BRUNGARD	03/19/03						product family	PwrBlade
				engr	M. MOSTOLLER	03/19/03						size	dwg no
				chr	M. MOSTOLLER	03/19/03						A	51939-052
				appd	M. MOSTOLLER	03/19/03						scale	1:1
sheet index	revision	D	D	D	D							cage code	22526
	sheet	1	2	3	4								

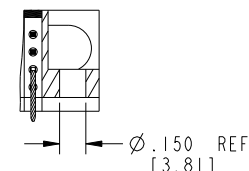
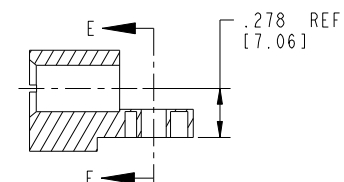
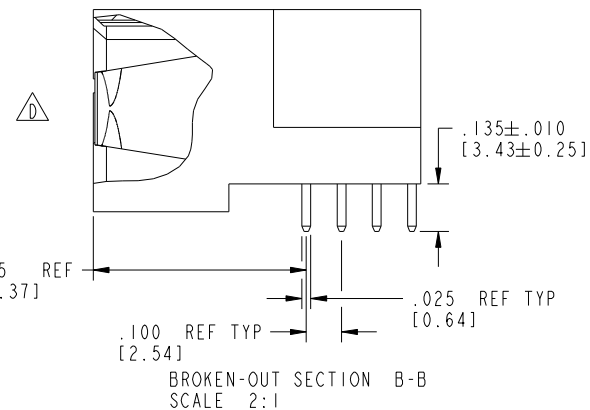
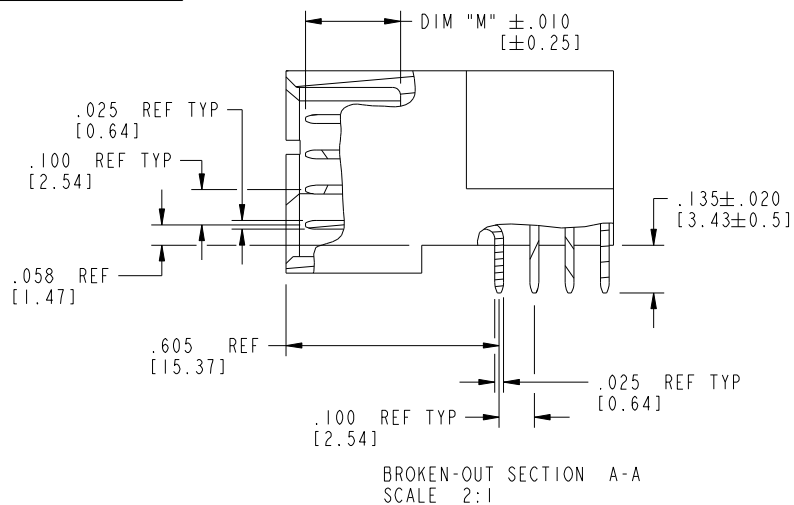
Pro/E



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PRODUCT NUMBER
51939-052--
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			title	
D					.XXX±.005/0.XX±0.13		projection			32S + 11P	
					.XXX±.0020/0.XXX±0.051		RIGHT ANGLE SOLDER HEADER				
				angles	0°±2°		INCH/MM			product family PwrBlade	
				dr	T. BRUNGARD	03/19/03	scale			size	dwg no
				engr	M. MOSTOLLER	03/19/03	1:1			A	51939-052
				chr	M. MOSTOLLER	03/19/03				sheet	
				appd	M. MOSTOLLER	03/19/03			2 of 4		
sheet index		revision sheet									

Pro/E

cage code 22526

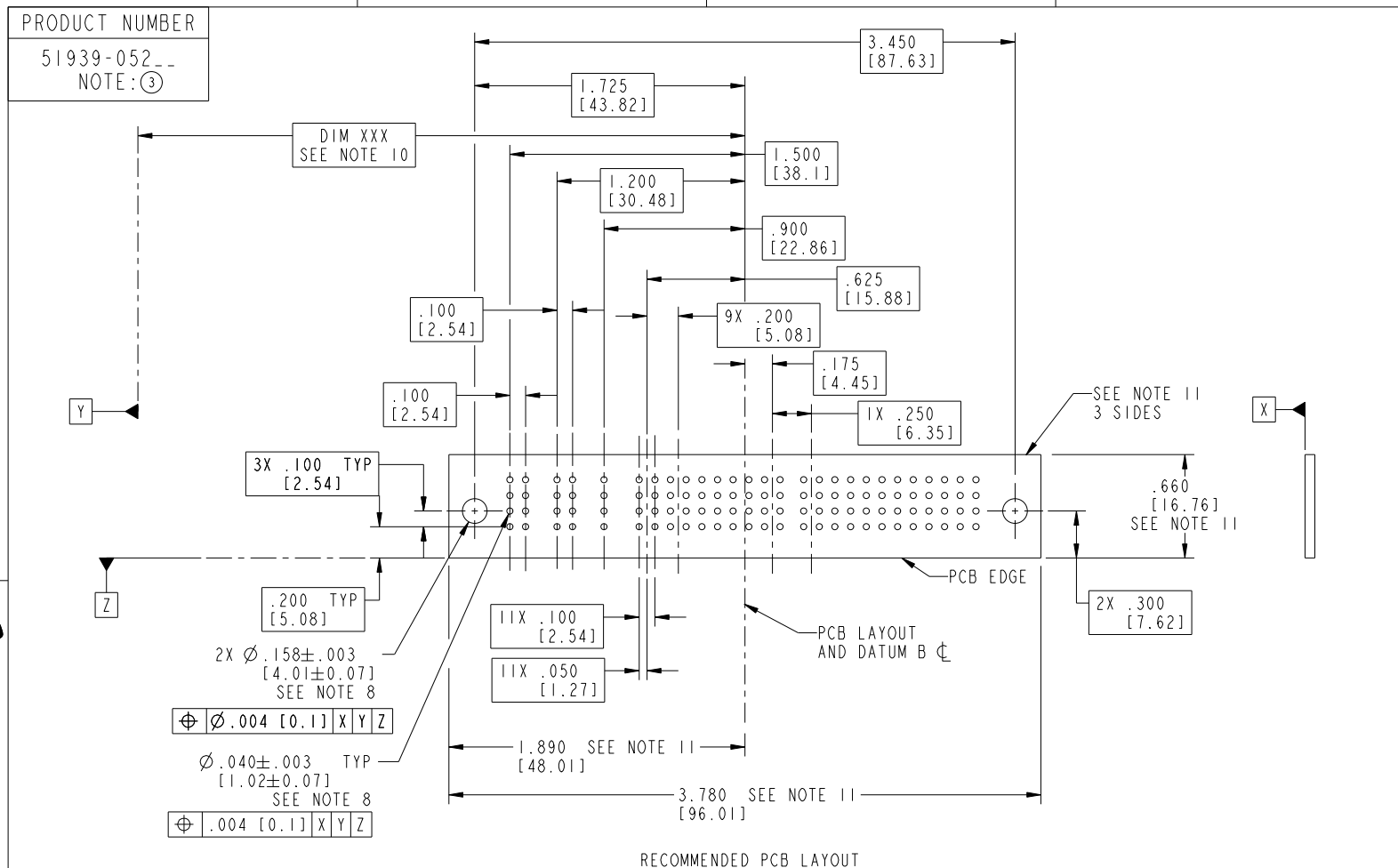


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A

B



A

B

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				COPY				title 32S + 11P RIGHT ANGLE SOLDER HEADER		
D									.XXX±.005/0.XX±0.13				projection 	product family PwrBlade				code 213	
									.XXX±.0020/0.XXX±0.051					size dwg no 51939-052					
								angles	0°±2°				INCH/MM 	RIGHT ANGLE SOLDER HEADER					
				dr	T. BRUNGARD 03/19/03							sheet							
				enrg	M. MOSTOLLER 03/19/03							3 of 4							
				chr	M. MOSTOLLER 03/19/03														
				appd	M. MOSTOLLER 03/19/03														
sheet index		revision sheet																	

Pro/E

cage code 22526

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PRODUCT NUMBER
51939-052-- 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 51939-052 AND 51939-052LF 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 △ 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					COPY					
D				linear		.XX $\pm$.01/0.X $\pm$ 0.3		projection		title	32S + 11P		
						.XXX $\pm$.005/0.XX $\pm$ 0.13				RIGHT ANGLE SOLDER HEADER			
				angles		.XXX $\pm$.0020/0.XXX $\pm$ 0.051							
						0° $\pm$ 2°							
				dr	T. BRUNGARD	03/19/03		INCH/MM		product family	PwrBlade	code	
				engr	M. MOSTOLLER	03/19/03				size	dwg no	213	
				chr	M. MOSTOLLER	03/19/03		scale		A	51939-052	sheet	
				appd	M. MOSTOLLER	03/19/03		1:1				4 of 4	
sheet index	revision sheet												

cage code 22526