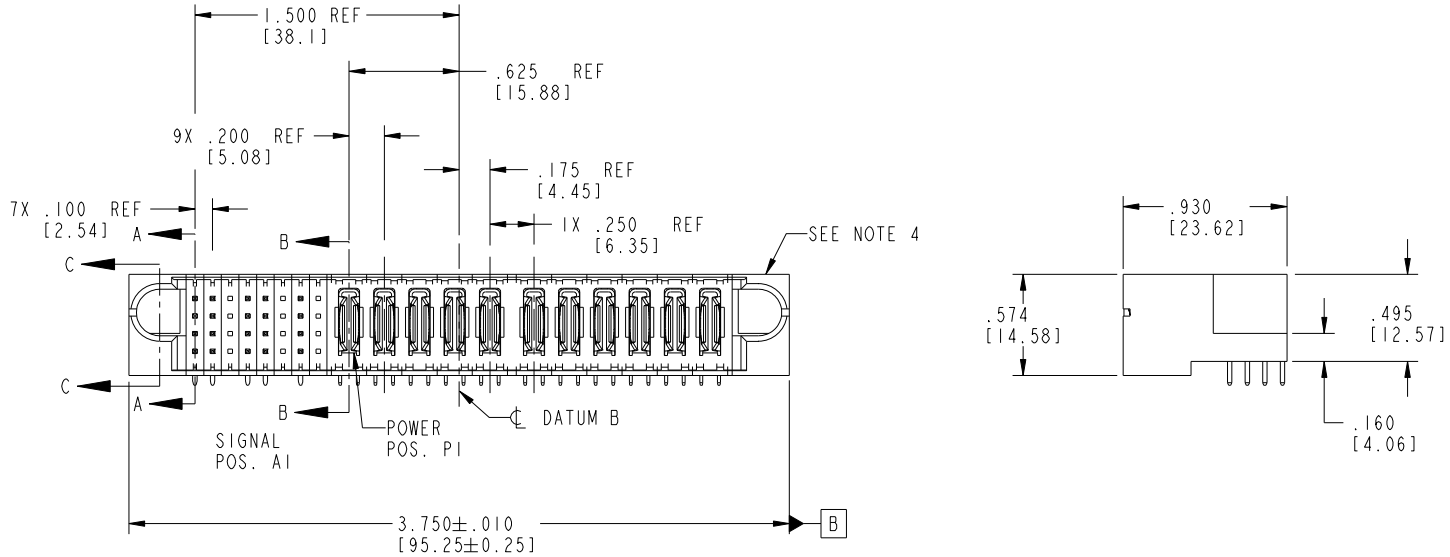


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PRODUCT NO.	ROWS	SIGNAL								POWER											E2
		E1	1	2	3	4	5	6	7	8	P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	
51939-052	D C B A	U	U	U	U	U	U	U	U	PA	PA	PA	PA	PA	PA	PA	PA	PA	PA	PA	PA
NOTE: ③																					



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

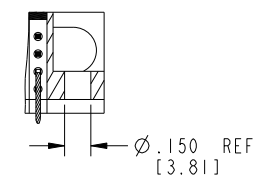
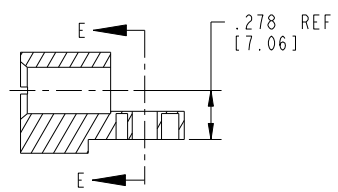
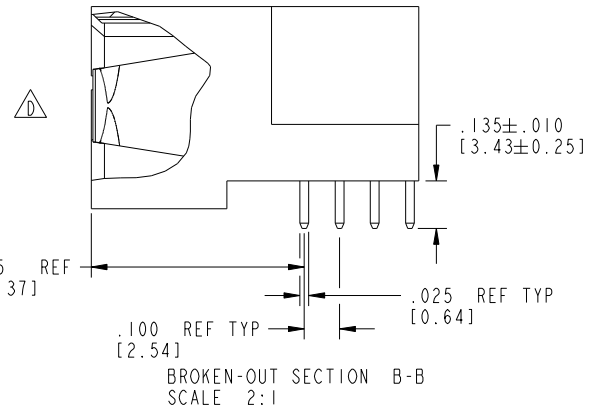
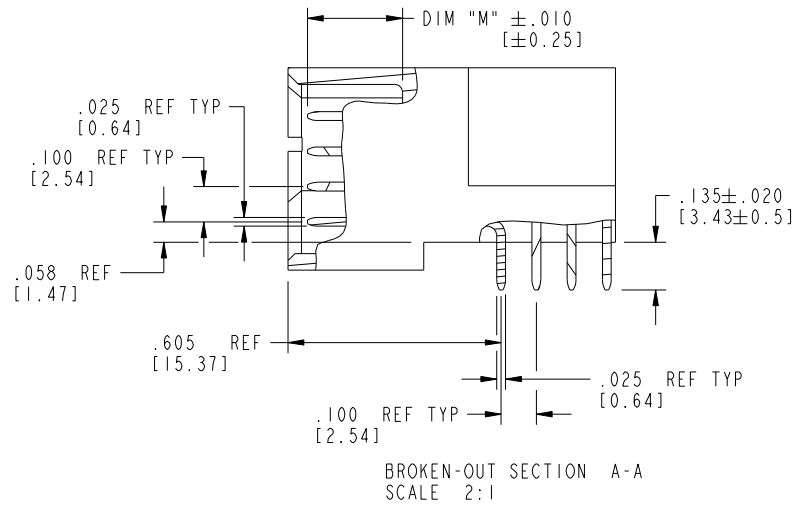
mat'l code SEE NOTE 2				tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com	
ltr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3	COPY		title	
A	V03-0328	TAB	03/19/03		.XXX±.005/0.XX±0.13	projection		32S + 11P	
B	DG05-0231	SJ	07/18/05	angles	.XXX±.0020/0.XXX±0.051			RIGHT ANGLE SOLDER HEADER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

cage code 22526

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PRODUCT NUMBER
51939-052--
NOTE: ③



mat'l code		SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		FCJ		www.fciconnect.com	
litr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3	COPY		projection		title	
D					.XXX±.005/0.XX±0.13	INCH/MM		A		32S + 11P	
				angles	.XXX±.0020/0.XXX±0.051	scale		product family		RIGHT ANGLE SOLDER HEADER	
				dr	0°±2°	1:1		PwrBlade		code	
				enrg	T. BRUNGARD 03/19/03			size		213	
				chr	M. MOSTOLLER 03/19/03			dwg no		sheet	
				appd	M. MOSTOLLER 03/19/03			A		2 of 4	
sheet index		revision sheet									

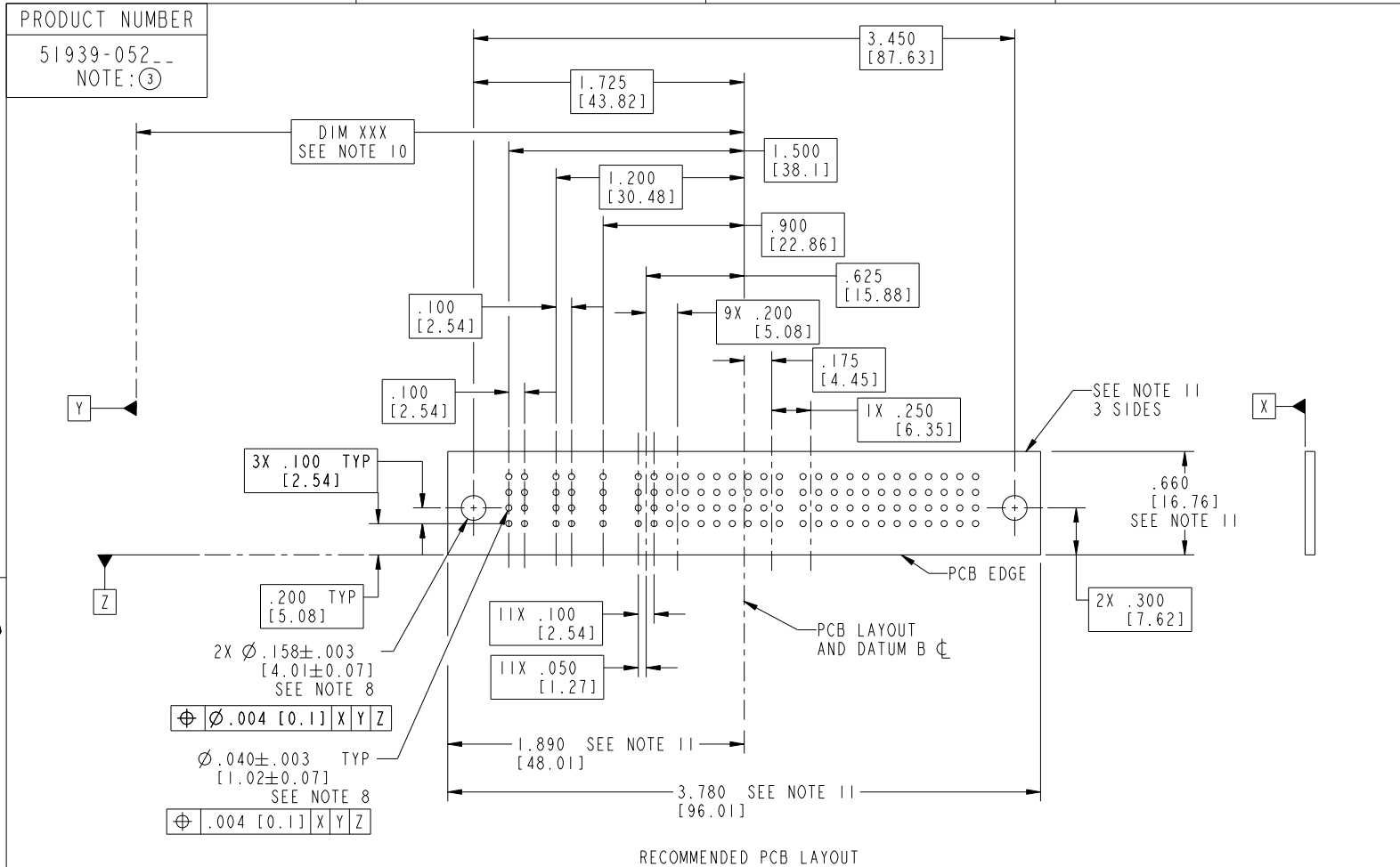
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Pro/E

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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	
D					.XXX±.005/0.XX±0.13	projection		32S + 11P RIGHT ANGLE SOLDER HEADER	
				angles	.XXX±.0020/0.XXX±0.051	 INCH/MM		product family	
				dr	0°±2°	scale		PwrBlade	
				enrg	T. BRUNGARD 03/19/03	1:1		code	
				chr	M. MOSTOLLER 03/19/03	A		213	
				appd	M. MOSTOLLER 03/19/03	size		sheet	
sheet index	revision sheet					dwg no		3 of 4	
						51939-052			

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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 ± 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 ± .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	ecr no.	dr	date	linear	.XX±.01/0.X±0.3	COPY		projection		title	
D					.XXX±.005/0.XX±0.13			⊕		32S + 11P	
				angles	.XXX±.002/0.XXX±0.051					RIGHT ANGLE SOLDER HEADER	
				dr	0°±2°					product family	
				enrg	T. BRUNGARD 03/19/03	INCH/MM		PwrBlade		code	
				chr	M. MOSTOLLER 03/19/03	scale		size		213	
				appd	M. MOSTOLLER 03/19/03	1:1		dwg no		sheet	
sheet index	revision sheet							A		4 of 4	
								51939-052			

cage code 22526