



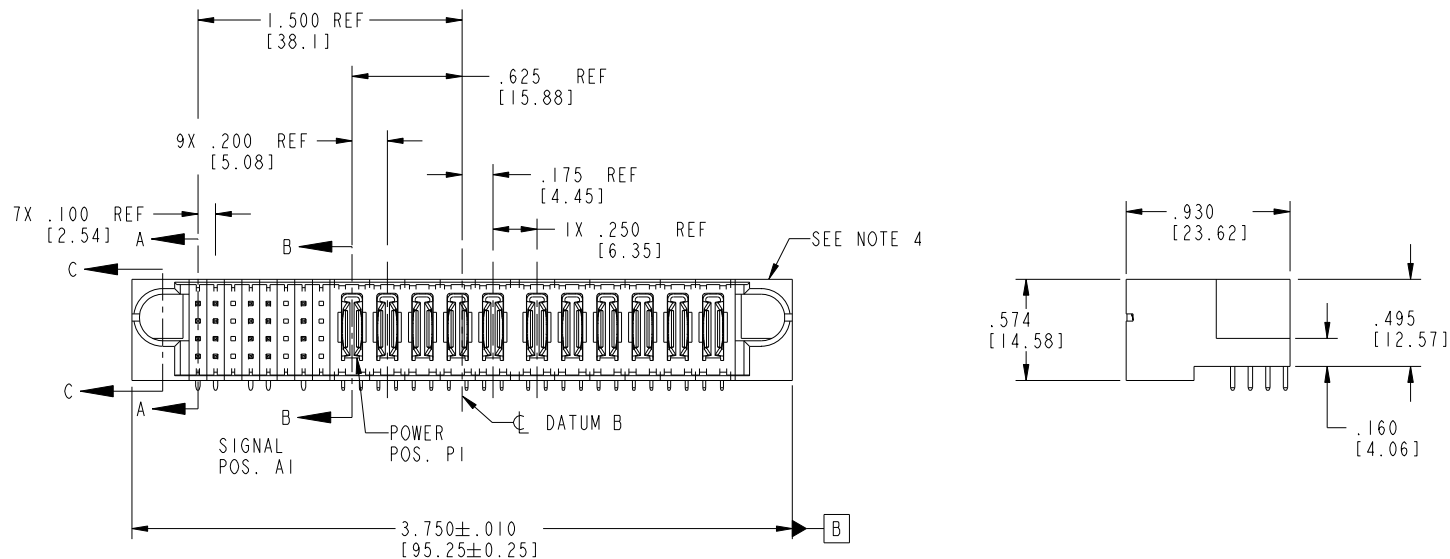
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CODE	DIM "M" MATING LENGTH	CONTACT TYPE
H	.220 [5.59]	SIGNAL
R	.270 [6.86]	SIGNAL
S	.270 [6.86]	SIGNAL
T	.270 [6.86]	SIGNAL
U	.270 [6.86]	SIGNAL
PA	N/A [N/A]	POWER
X	OMITTED	OMITTED

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		0		INCH/MM		32S + 11P	
B	DG05-0231	SJ	07/18/05			.XXX±.005/0.XX±0.13		0°±2°		scale		RIGHT ANGLE SOLDER HEADER	
C	DG06-0014	JMG	01/10/06	angles		.XXX±.002/0.XXX±0.051		1:1		product family		PwrBlade	
D	DG08-0273	WD	12/30/08	dr	T. BRUNGARD	03/19/03		size		dwg no		code	
				enrg	M. MOSTOLLER	03/19/03		A		51939-052		213	
				chr	M. MOSTOLLER	03/19/03						sheet	
				appd	M. MOSTOLLER	03/19/03						1 of 4	
sheet index		revision sheet		D	D	D	D						
				1	2	3	4						

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		U	U	U	U	U	U	U		PA	PA	PA	PA	PA	PA	PA	PA	PA	PA	PA	
			T	T	T	T	T	T	T													
			R	R	R	R	R	R	R													
			H	H	H	H	H	H	H		U	U	U	U	U	U	U	U	U	U	U	



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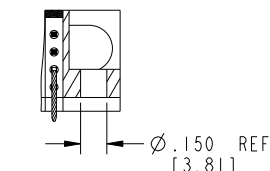
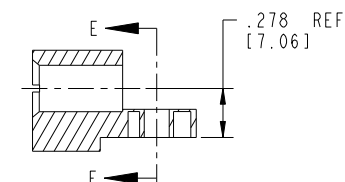
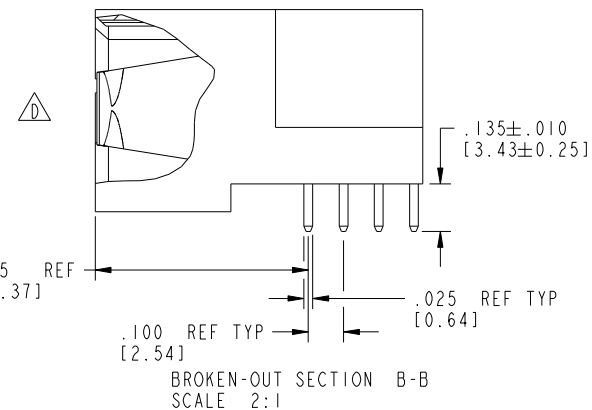
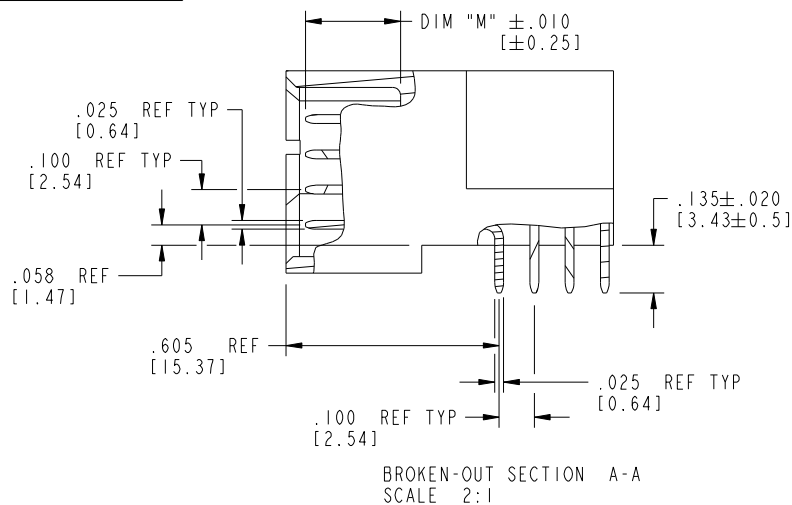
cage code 22526



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PRODUCT NUMBER
51939-052--
NOTE: ③



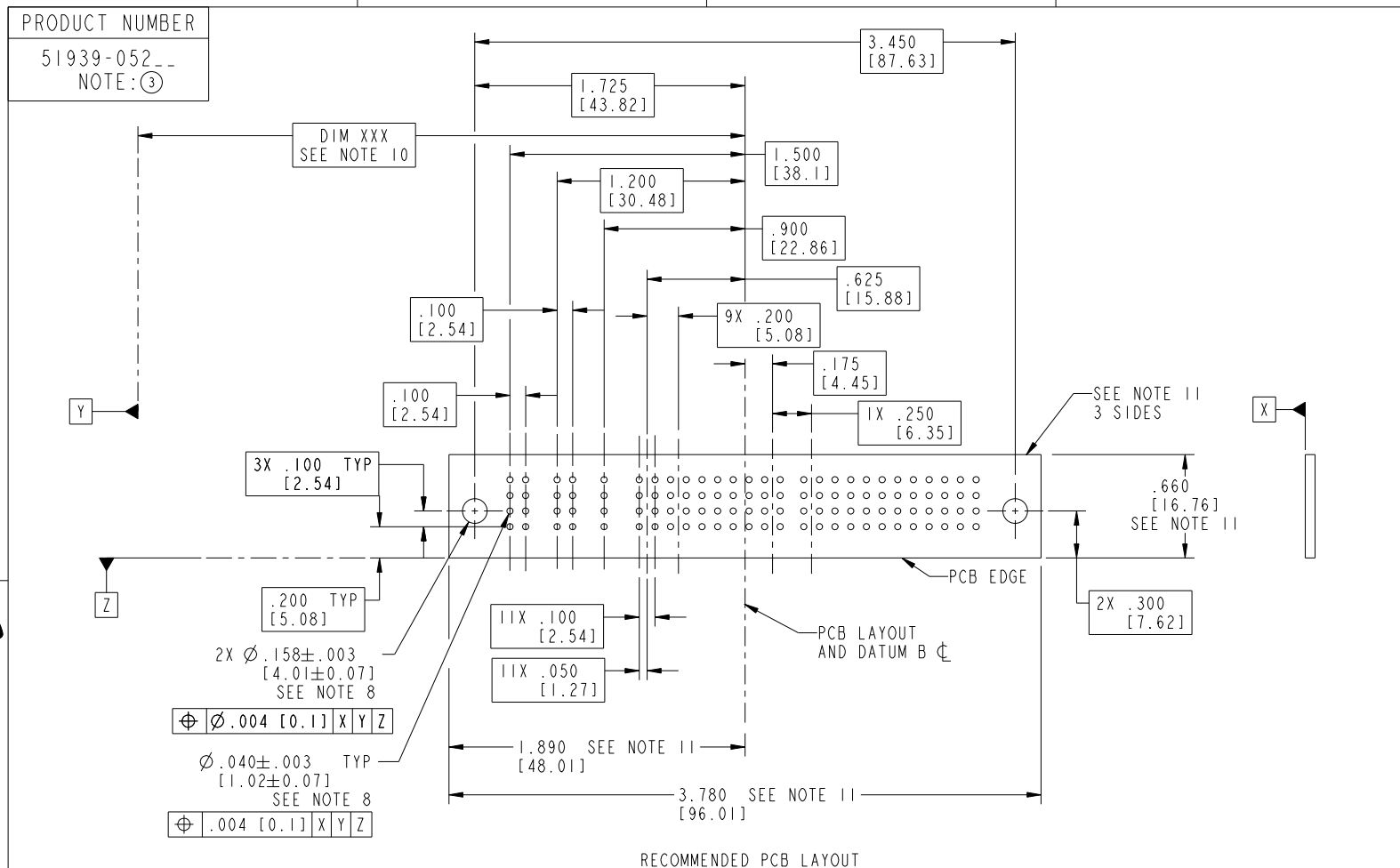
mat'l code				SEE NOTE 2				tolerances unless otherwise specified				CUSTOMER								www.fciconnect.com						
litr		ecn no.		dr		date		linear	$.XX \pm .01 / 0.X \pm 0.3$				COPY				title 32S + 11P RIGHT ANGLE SOLDER HEADER									
D									$.XXX \pm .005 / 0.XX \pm 0.13$				projection													
									$.XXX \pm .0020 / 0.XXX \pm 0.051$																	
								angles	$0^\circ \pm 2^\circ$				 INCH/MM				product family				PwrBlade				code	
								dr	T. BRUNGARD 03/19/03								scale				size		dwg no		213	
								engr	M. MOSTOLLER 03/19/03												A		51939-052		sheet	
								chr	M. MOSTOLLER 03/19/03				1:1													
								appd	M. MOSTOLLER 03/19/03												2 of 4					
sheet index		revision sheet																								

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B

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
 $\varnothing .040 \pm .003$ [$1.02 \pm .07$] 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		$.XXX \pm .0020 / 0.XXX \pm 0.051$							
						$0^\circ \pm 2^\circ$							
				dr	T. BRUNGARD	03/19/03		INCH/MM		product family	PwrBlade	code	213
				engr	M. MOSTOLLER	03/19/03				size	dwg no	sheet	4 of 4
				chr	M. MOSTOLLER	03/19/03		scale	A	51939-052			
				appd	M. MOSTOLLER	03/19/03		1:1					
sheet index	revision sheet												

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