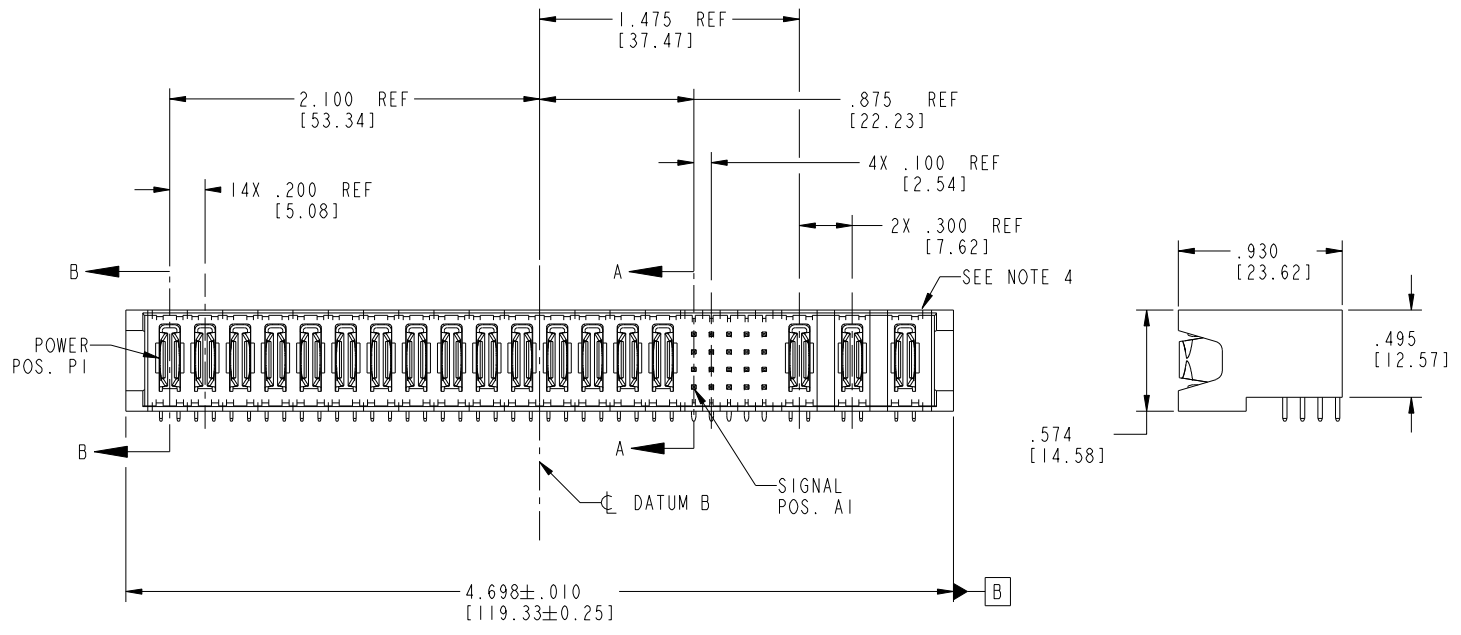


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PRODUCT NO. 51939-046... NOTE:3	ROWS D C B A	POWER														SIGNAL					POWER		
		P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	P11	P12	P13	P14	P15	1	2	3	4	5	P16	P17
		PA	PA	PA	PA	PA	PA	PA	PA	PA	PA	PA	PA	PA	PA	UUUU	UUUU	UUUU	UUUU	UUUU	PA	PA	PA



CODE	DIM "M" MATING LENGTH	CONTACT TYPE
E	.220 [5.59]	SIGNAL
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

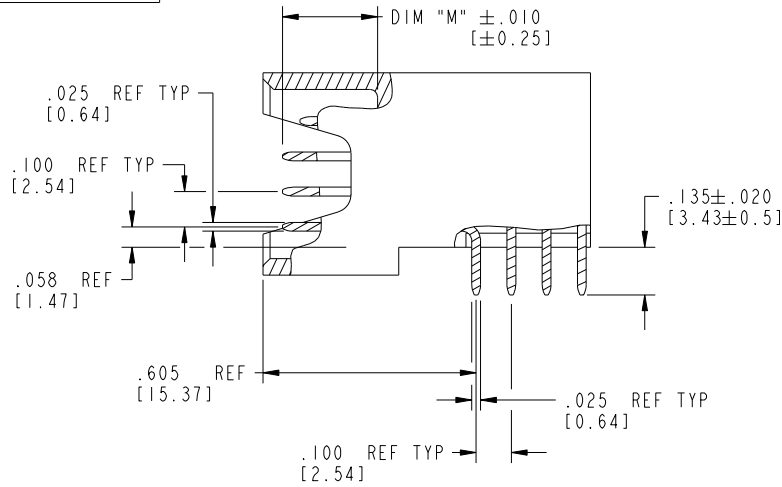
mat'l code SEE NOTE 2				tolerances unless otherwise specified		CUSTOMER		FCI	
lfr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3		COPY		www.fciconnect.com
A	V03-0163	TAB	02/10/03		.XXX±.005/0.XX±0.13		projection		
B	V03-0279	TAB	03/14/03	angles	.XXX±.002/0.XXX±0.051		INCH/MM		title 15P+20S+3ACP RIGHT ANGLE SOLDER HEADER
C	V03-0613	DAI	05/29/03		0°+2°		scale		
D	DG05-0330	CS	09/14/05	dr	T. BRUNGARD	02/10/03	product family PwrBlade		code
E	DG06-0008	JMG	01/07/06	enrg	M. MOSTOLLER	02/10/03	size	dwg no	213
F	DG08-0273	WD	12/30/08	chr	M. MOSTOLLER	02/10/03	scale	51939-046	sheet
				appd	M. MOSTOLLER	02/10/03	1:1	A	1 of 4
sheet index	revision sheet	F 1	F 2	F 3	F 4				

cage code 22526

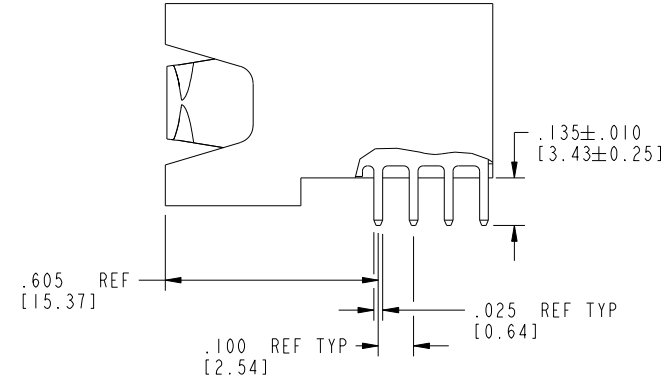
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PRODUCT NUMBER
51939-046--
NOTE: 3



BROKEN-OUT SECTION A-A
SCALE 2:1



BROKEN-OUT SECTION B-B
SCALE 2:1

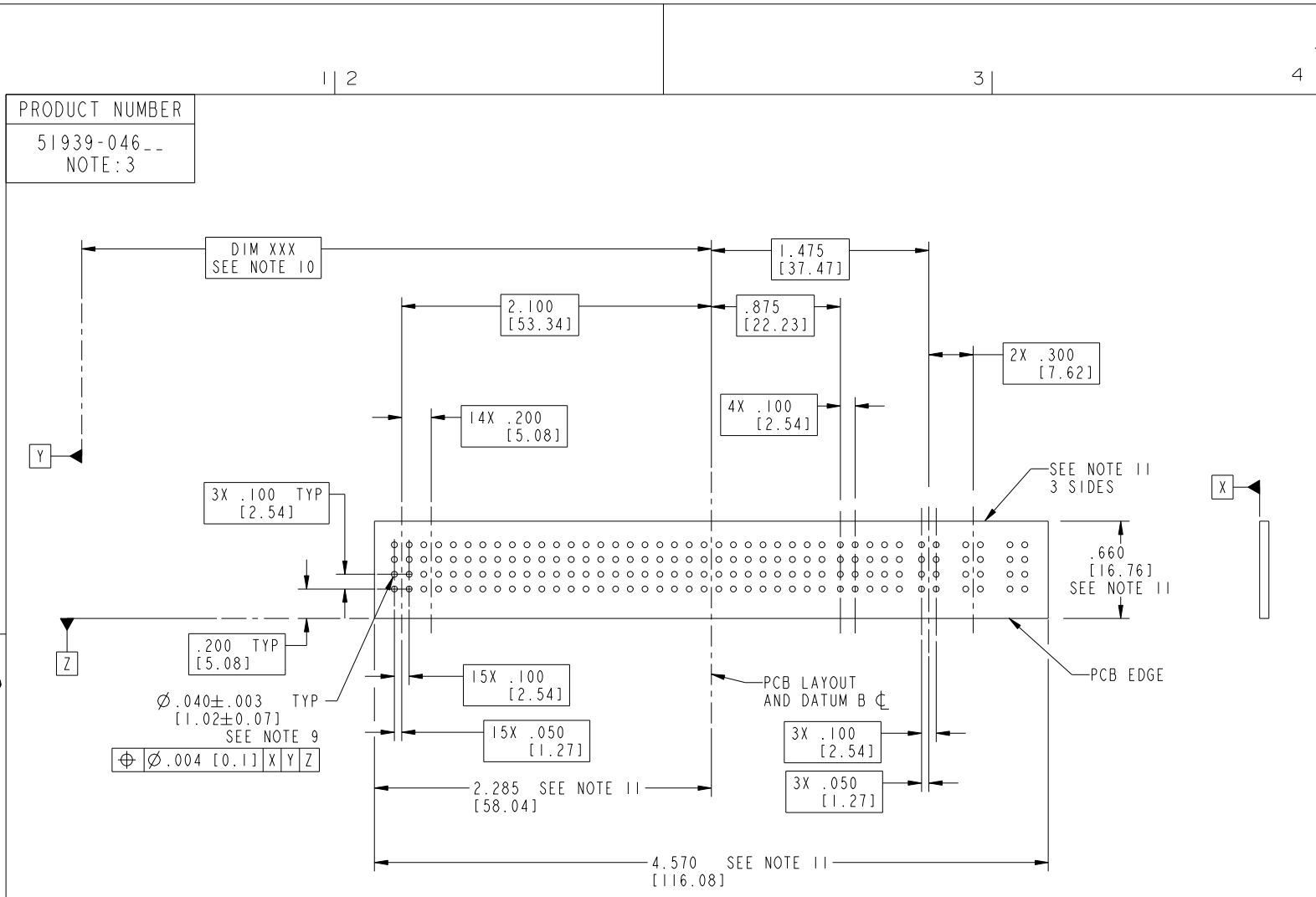
mat'l code		SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		FCJ		www.fciconnect.com	
ltr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3	COPY		projection		title	
F					.XXX±.005/0.XX±0.13	INCH/MM		15P+20S+3ACP		RIGHT ANGLE SOLDER HEADER	
				angles	.XXX±.0020/0.XXX±0.051	scale		product family		code	
				dr	0°±2°	1:1		PwrBlade		213	
				enrg	T. BRUNGARD 02/10/03			size		sheet	
				chr	M. MOSTOLLER 02/10/03			dwg no		2 of 4	
				appd	M. MOSTOLLER 02/10/03			A 51939-046			
sheet index	revision sheet										

cage code 22526

Pro/E

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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	
F					.XXX±.005/0.XX±0.13	projection		15P+20S+3ACP	
				angles	.XXX±.0020/0.XXX±0.051			RIGHT ANGLE SOLDER HEADER	
				dr	0°±2°	INCH/MM		product family	
				enrg	T. BRUNGARD 02/10/03	scale		PwrBlade	
				chr	M. MOSTOLLER 02/10/03	1:1		code	
				appd	M. MOSTOLLER 02/10/03	size		213	
sheet index		revision sheet				dwg no		3 of 4	
						A		51939-046	

cage code 22526

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PRODUCT NUMBER
51939-046__
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 51939-046 AND 51939-046LF 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		FCI		www.fciconnect.com	
ltr	ecn no.	dr	date	linear	.XX+ .01/0.X+0.3	COPY					
F				projection	.XXX+ .005/0.XX+0.13	title		15P+20S+3ACP			
				angles	.XXX+ .0020/0.XXX+0.051	RIGHT ANGLE SOLDER HEADER					
				dr	0°+2°	INCH/MM		product family		PwrBlade	
				enrg	T. BRUNGARD 02/10/03	scale		size		code	
				chr	M. MOSTOLLER 02/10/03	1:1		dwg no		213	
				appd	M. MOSTOLLER 02/10/03	A		51939-046		sheet	
sheet index	revision sheet							4 of 4		B	

cage code 22526