

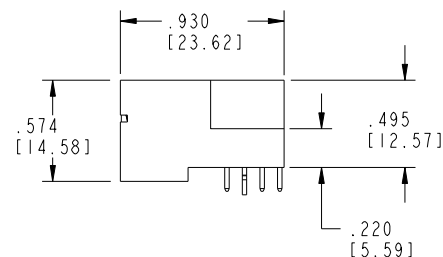
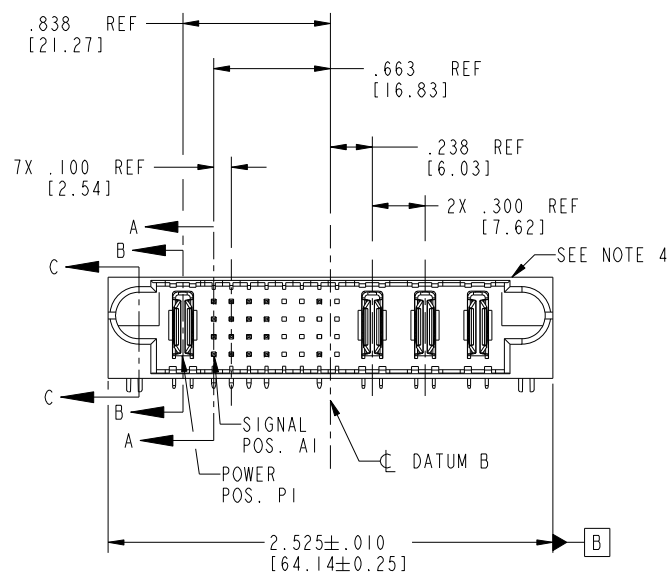


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CODE	DIM "M" MATING LENGTH	CONTACT TYPE
R	.270 [6.86]	SIGNAL
S	.270 [6.86]	SIGNAL
T	.270 [6.86]	SIGNAL
U	.270 [6.86]	SIGNAL
PA	N/A [N/A]	POWER
HA	N/A [N/A]	HOLD-DOWN
X	OMITTED	OMITTED

PRODUCT NO.	ROWS	PWR		SIGNAL								POWER			E2
		E1	P1	1	2	3	4	5	6	7	8	P2	P3	P4	
51939-016-- Note: ③	D C B A	HA	PA	UUUU	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	PA	PA	PA	HA



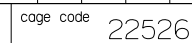
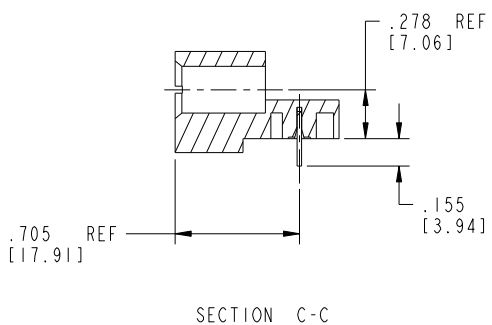
mat'l code				SEE NOTE 2		tolerances unless otherwise specified				CUSTOMER		 www.fciconnect.com	
ltr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3				COPY			title	
A	V20856	DAI	04/30/02		.XXX±.005/0.XX±0.13				projection			IP + 32S + 3ACP	
B	DG05-0182	SJ	06/22/05		.XXX±.0020/0.XXX±0.051				INCH/MM			RIGHT ANGLE SOLDER HEADER	
C	DG06-0008	JMG	01/07/06		0°±2°				scale			1:1	
D	DG08-0273	WD	12/22/08	dr	D. INGRAM		04/30/02		scale	product family		PwrBlade	code
				enrg	J. SWAIN		04/30/02			size	dwg no	213	sheet 1 of 4
				chr	J. SWAIN		04/30/02			A	51939-016		
				appd	J. SWAIN		04/30/02						
sheet index	revision sheet	D	D	D	D								
		1	2	3	4								

Pro/E

cage code 22526

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51939-016__
Note: (3)



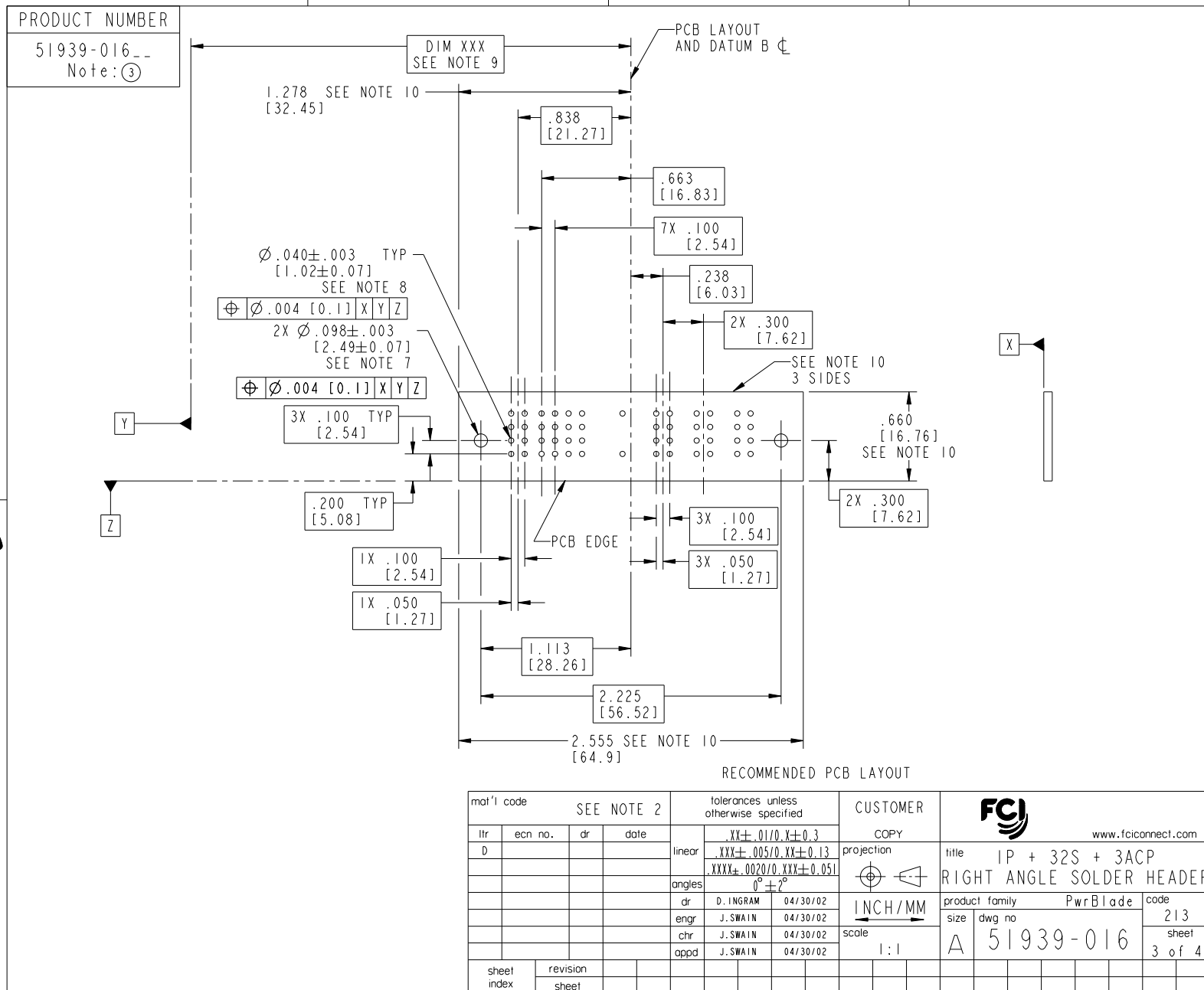


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A

B



A

B

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PRODUCT NUMBER
51939-016-- 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 3. SEE ITEM 1 & 2 IN PRINT 10064183 FOR PLATING SPEC OF 51939-016 AND 51939-016LF 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.

PCB NOTES:

6. ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE.

7. MOUNTING HOLES, WHERE APPLICABLE, ARE UNPLATED.

8. $\varnothing .0453 \pm 0.0010$ [1.151 ± 0.025] DRILLED HOLES PLATED WITH
0.0003 [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.

9. "DIM XXX" TO BE DETERMINED BY THE CUSTOMER.

10. CONNECTOR KEEP-OUT ZONE.

11. A ③ 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		projection	title			
D					.XXX±.005/0.XX±0.13					IP + 32S + 3ACP			
				angles	.XXX±.0020/0.XXX±0.051					RIGHT ANGLE SOLDER HEADER			
					0°±2°								
				dr	D. INGRAM	04/30/02	INCH/MM		product family		PwrBlade		code
				enrg	J. SWAIN	04/30/02			size		dwg no		213
				chr	J. SWAIN	04/30/02	scale		A		51939-016		sheet
				appd	J. SWAIN	04/30/02	1:1						4 of 4
sheet index		revision sheet											

cage code 22526