

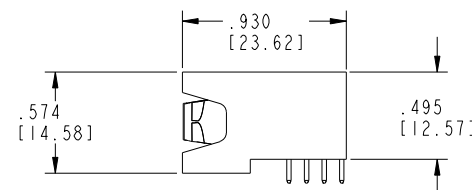
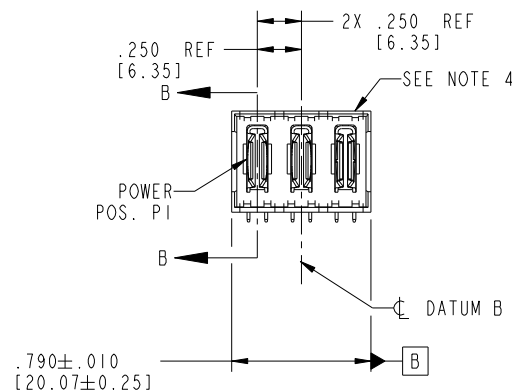


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CODE	DIM "M" MATING LENGTH	CONTACT TYPE	TYPE
PA	N/A [N/A]	POWER	LONG WIPE
PS	N/A [N/A]	POWER	SHORT WIPE

PRODUCT NO.	POWER		
	P1	P2	P3
51939-077-- NOTE: ③	PA	PA	PS



mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		FCI		www.fciconnect.com	
ltr	ecn no.	dr	date					COPY					
A	V03-0960	DAI	8/28/03	linear		.XX±.01/0.X±0.3		projection		title	3P		
B	DG05-0216	SJ	07/11/05			.XXX±.005/0.XX±0.13				RIGHT ANGLE SOLDER HEADER			
C	DG06-0014	JMG	01/13/06	angles		.XXX±.0020/0.XXX±0.051				product family	PwrBlade	code	213
D	DG08-0273	WD	01/02/09	dr		0°±2°		INCH/MM		size	dwg no	sheet	1 of 4
				enrg		D. INGRAM 8/28/03		scale	1:1	A	51939-077		
				chr		M.MOSTOLLER 8/28/03							
				appd		M.MOSTOLLER 8/28/03							
sheet index	revision	D	D	D	D								
	sheet	1	2	3	4								

Pro/E

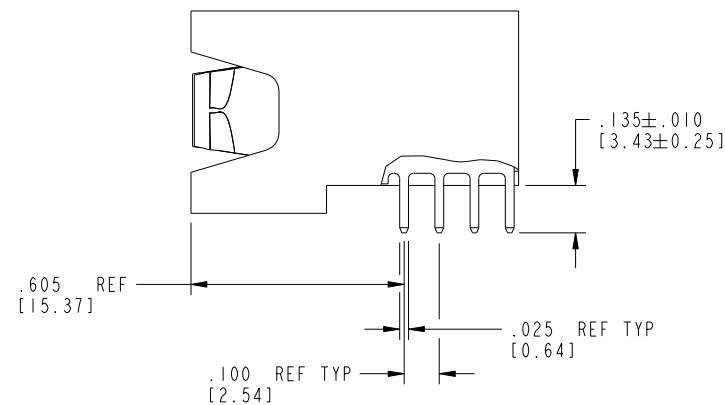
cage code 22526



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PRODUCT NUMBER
51939-077--
NOTE: ③



mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		FCI		www.fciconnect.com	
ltr	ecn no.	dr	date					COPY					
D				linear		.XX±.01/0.X±0.3		projection		title	3P		
						.XXX±.005/0.XX±0.13				RIGHT ANGLE SOLDER HEADER			
				angles		.XXX±.0020/0.XXX±0.051				product family	PwrBlade	code	213
				dr	D. INGRAM	8/28/03		INCH/MM		size	dwg no	sheet	2 of 4
				enr	M.MOSTOLLER	8/28/03		scale	1:1	A	51939-077		
				chr	M.MOSTOLLER	8/28/03							
				appd	M.MOSTOLLER	8/28/03							
sheet index	revision sheet												

Pro/E

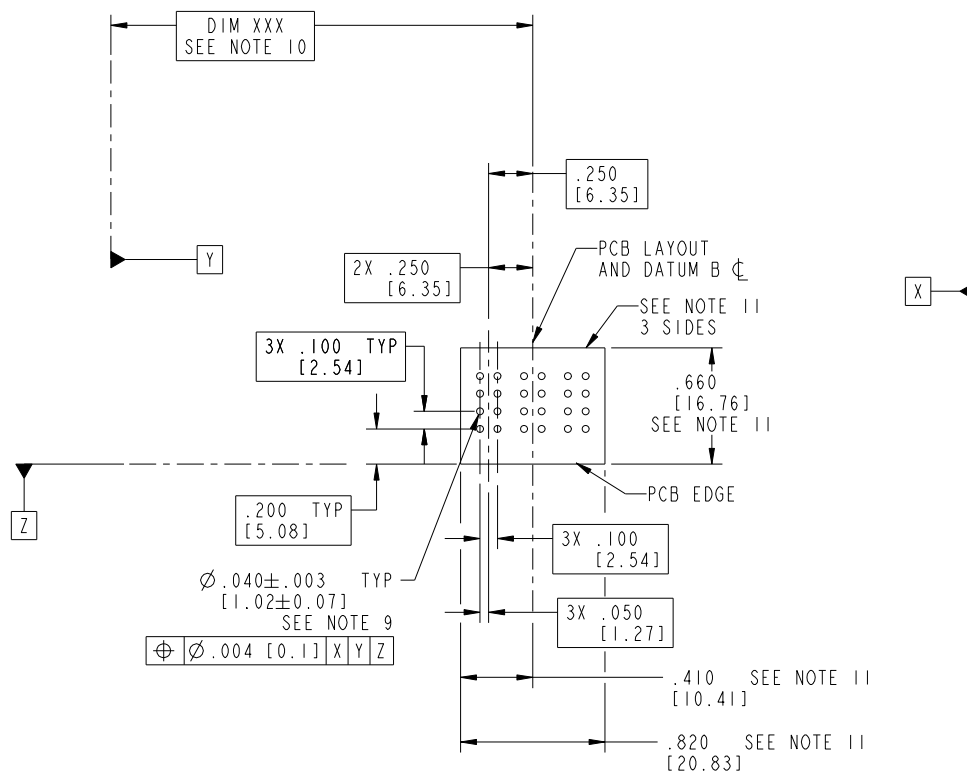
cage code 22526



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PRODUCT NUMBER
51939-077--
NOTE:③



RECOMMENDED PCB LAYOUT

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		projection	COPY				title 3P RIGHT ANGLE SOLDER HEADER	
D					.XXX±.005/0.XX±0.13			INCH/MM					
					.XXX±.0020/0.XXX±0.051								
				angles	0°±2°		scale 1:1	product family PwrBlade		code 213 sheet 3 of 4			
				dr	D. INGRAM 8/28/03								
				enrg	M. MOSTOLLER 8/28/03								
				chr	M. MOSTOLLER 8/28/03								
				appd	M. MOSTOLLER 8/28/03								
sheet index		revision sheet											

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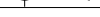
PRODUCT NUMBER
51939-077_- NOTE:③

NOTES:

1. DIMENSIONS AND TOLERANCES ARE IN ACCORDANCE WITH ASME Y14.5M, 1994 UNLESS OTHERWISE SPECIFIED.
- 2.CONNECTOR NOTES:
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 51939-077 AND 51939-077LF 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. A③SYMBOL 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				 www.fciconnect.com					
ltr		ecn no.		dr		date		linear		COPY				projection		title 3P RIGHT ANGLE SOLDER HEADER					
D																					
								angles		.XX $\pm$.01/0.X $\pm$ 0.3											
										.XXX $\pm$.005/0.XX $\pm$ 0.13											
										.XXX $\pm$.0020/0.XXX $\pm$ 0.051						product family PwrBlade					
										0 $\pm$ 2°											
								dr		D. INGRAM		8/28/03		INCH/MM		product family		PwrBlade		code	
								enrg		M.MOSTOLLER		8/28/03				size		dwg no		213	
								chr		M.MOSTOLLER		8/28/03		scale 1:1		A		51939-077		sheet 4 of 4	
								appd		M.MOSTOLLER		8/28/03									
sheet index		revision sheet																			

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