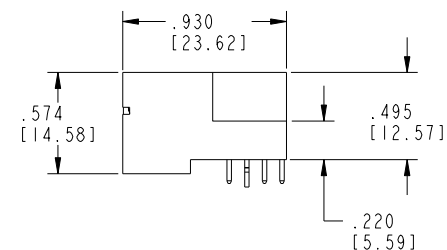
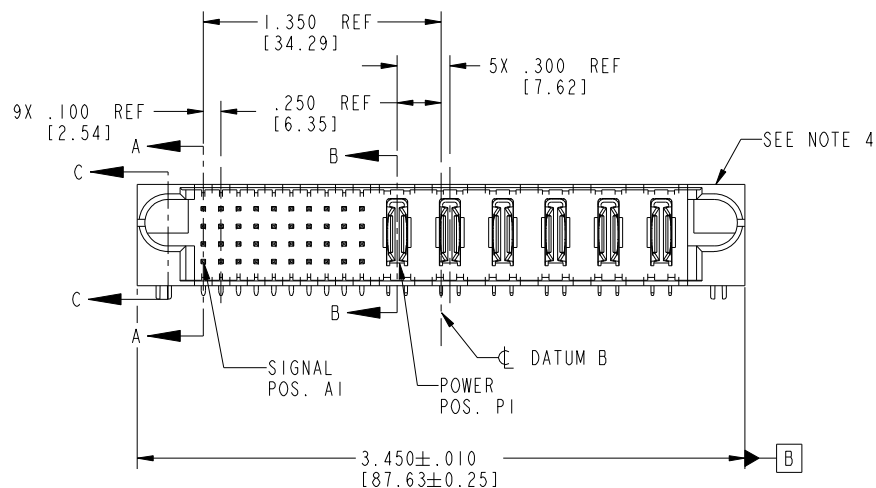




A

B

PRODUCT NO.	ROWS	SIG.										POWER						E2	
		E1	1	2	3	4	5	6	7	8	9	10	P1	P2	P3	P4	P5		P6
51939-060-- Note: ③	D C B A		UUUUUUUUUUUU	UUUUUUUUUUUU	UUUUUUUUUUUU	UUUUUUUUUUUU	UUUUUUUUUUUU	UUUUUUUUUUUU	UUUUUUUUUUUU	UUUUUUUUUUUU	UUUUUUUUUUUU	UUUUUUUUUUUU	PA	PA	PA	PA	PA	PA	
			SSSSSSSSSSSS	SSSSSSSSSSSS	SSSSSSSSSSSS	SSSSSSSSSSSS	SSSSSSSSSSSS	SSSSSSSSSSSS	SSSSSSSSSSSS	SSSSSSSSSSSS	SSSSSSSSSSSS	SSSSSSSSSSSS							
			RRRRRRRRRRRR	RRRRRRRRRRRR	RRRRRRRRRRRR	RRRRRRRRRRRR	RRRRRRRRRRRR	RRRRRRRRRRRR	RRRRRRRRRRRR	RRRRRRRRRRRR	RRRRRRRRRRRR	RRRRRRRRRRRR							



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

mat'l code				SEE NOTE 2				tolerances unless otherwise specified				CUSTOMER								www.fciconnect.com									
litr		ecr no.		dcr		date		linear		$.XX \pm .01 / 0.X \pm 0.3$				COPY								title				40S + 6ACP			
A		V03-0481		MEM		04/29/03				$.XXX \pm .005 / 0.XX \pm 0.13$				projection								RIGHT ANGLE SOLDER HEADER							
B		V03-0594		TAB		05/23/03				$.XXX \pm .002 / 0.XXX \pm 0.051$				INCH/MM				size				dwg no							
C		DG05-0181		SJ		06/21/05		angles		$0^\circ \pm 2^\circ$				scale				A				51939-060							
D		DG06-0014		JMG		01/10/06		dr		M. MOSTOLLER		4/29/03						product family				PwrBlade		code					
E		DG08-0273		WD		12/31/08		enrg		M. MOSTOLLER		4/29/03						size				213		sheet					
								chr		H. BREWBAKER		4/29/03						A				I of 4							
								apdd		M. MOSTOLLER		4/29/03																	
sheet index		revision sheet		E 1		E 2		E 3		E 4																			

Pro/E

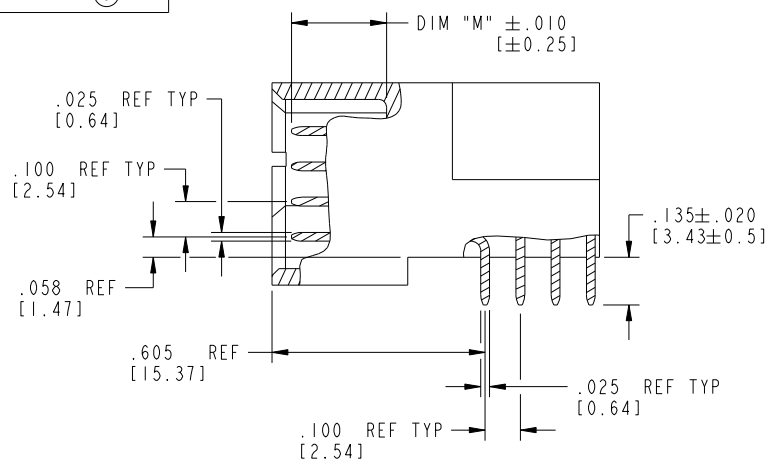
cage code	22526
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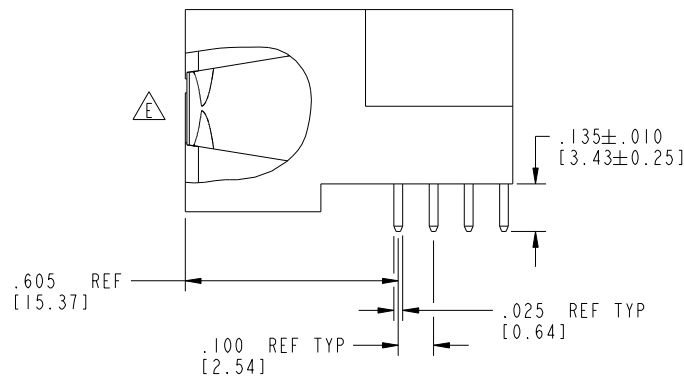


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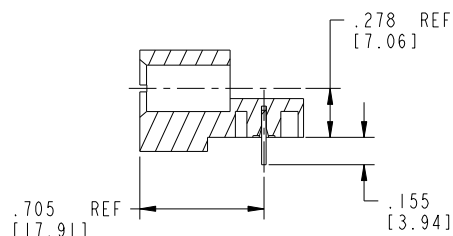
PRODUCT NUMBER
51939-060--
Note: ③



BROKEN-OUT SECTION A-A
SCALE 2:1



BROKEN-OUT SECTION B-B
SCALE 2:1



SECTION C-C

mat'l code SEE NOTE 2				tolerances unless otherwise specified		CUSTOMER		FCI		www.fciconnect.com	
litr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3	projection	COPY	title	40S + 6ACP	product family	PwrBlade
E					.XXX±.005/0.XX±0.13						
					.XXX±.0020/0.XXX±0.051						
				angles	0°±2°	INCH/MM	scale	A	51939-060	size	dwg no
				dr	M. MOSTOLLER 4/29/03						
				enrg	M. MOSTOLLER 4/29/03						
				chr	H. BREWBAKER 4/29/03	1:1	scale	A	51939-060	sheet	2 of 4
				appd	M. MOSTOLLER 4/29/03						
sheet index	revision sheet										

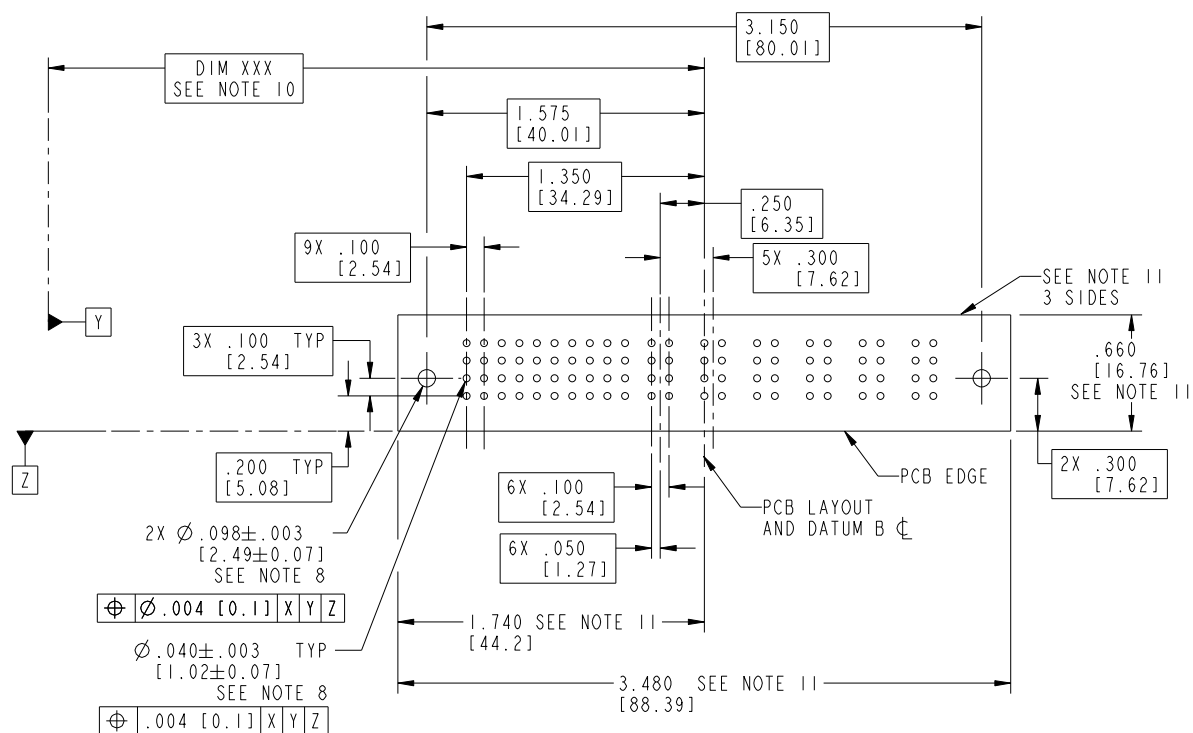
Pro/E

cage code 22526

B

A

PRODUCT NUMBER
51939-060__
Note: (3)



RECOMMENDED PCB LAYOUT

mat'l code				SEE NOTE 2				tolerances unless otherwise specified				CUSTOMER				 www.fciconnect.com			
ltr		ecn no.		dr		date		linear		$.XX \pm .01 / 0.X \pm 0.3$ $.XXX \pm .005 / 0.XX \pm 0.13$ $.XXXX \pm .0020 / 0.XXX \pm 0.051$		COPY		projection		title 40S + 6ACP			
E								angles		$0^\circ \pm 2^\circ$				RIGHT ANGLE SOLDER HEADER					
								dr		M. MOSTOLLER 4/29/03		INCH/MM		product family		PwrBlade		code	
								enrg		M. MOSTOLLER 4/29/03				size		dwg no		213	
								chr		H. BREWBAKER 4/29/03		scale		A		51939-060		sheet	
								appd		M. MOSTOLLER 4/29/03								3 of 4	
sheet index		revision sheet																	

Pro/E

cage code	22526
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PRODUCT NUMBER
51939-060__
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 51939-060 AND 51939-060LF RESPECTIVELY.

④ 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 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				www.fciconnect.com	
ltr	ecn no.	dr	date	linear	$.XX \pm .01 / 0.X \pm 0.3$		COPY				
E					$.XXX \pm .005 / 0.XX \pm 0.13$		projection				
					$.XXX \pm .0020 / 0.XXX \pm 0.051$						
				angles	$0^\circ \pm 2^\circ$				title 40S + 6ACP		
				dr	M. MOSTOLLER	4/29/03	INCH/MM		product family PwrBlade		code
				enrg	M. MOSTOLLER	4/29/03	scale 1:1		size		dwg no
				chr	H. BREWBAKER	4/29/03			A		51939-060
				appd	M. MOSTOLLER	4/29/03					sheet 213
sheet index		revision sheet									4 of 4

cage code 22526