

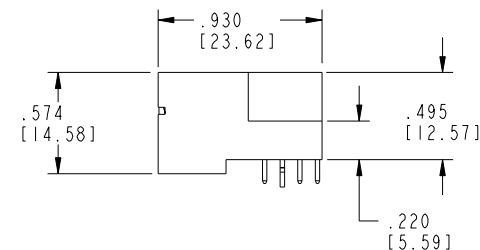
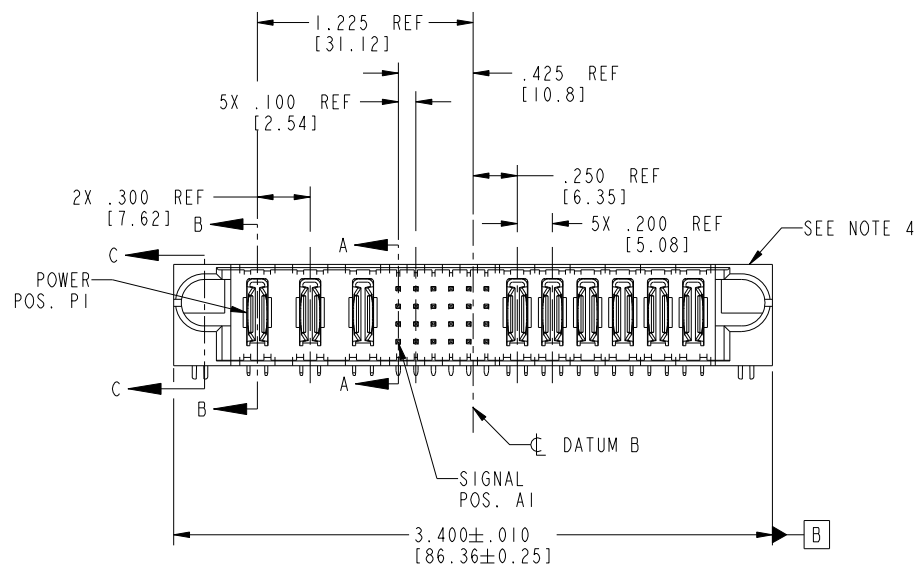


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CODE	DIM "M" MATING LENGTH	CONTACT TYPE
H	.220 [5.59]	SIGNAL
R	.270 [6.86]	SIGNAL
S	.270 [6.86]	SIGNAL
T	.270 [6.86]	SIGNAL
U	.270 [6.86]	SIGNAL
PA	N/A [N/A]	POWER
HA	N/A [N/A]	HOLD-DOWN

PRODUCT NO.	ROWS	POWER				SIGNAL						POWER						E2
		E1	P1	P2	P3	1	2	3	4	5	6	P4	P5	P6	P7	P8	P9	
51939-087__ NOTE: 3	D C B A																	



mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com	
ltr	ecn no.	dr	date	linear	$.XX \pm .01/0.X \pm 0.3$		projection		title	3ACP + 24S + 6P	
A	V03-1149	TAB	10/24/03		$.XXX \pm .005/0.XX \pm 0.13$					RIGHT ANGLE SOLDER HEADER	
B	V03-1223	TAB	11/14/03	angles	$.XXX \pm .0020/0.XXX \pm 0.051$		INCH/MM	product family	PwrBlade	code	213
C	DG06-0014	JMG	01/13/06		$0^\circ \pm 2^\circ$						
D	DG09-0003	WD	01/17/09	dr	T. BRUNGARD	10/24/03	1:1				
				enrg	M. GRAY	10/24/03					
				chr	M. GRAY	10/24/03					
				appd	M. GRAY	10/24/03					
sheet index		revision sheet	D 1	D 2	D 3	D 4					

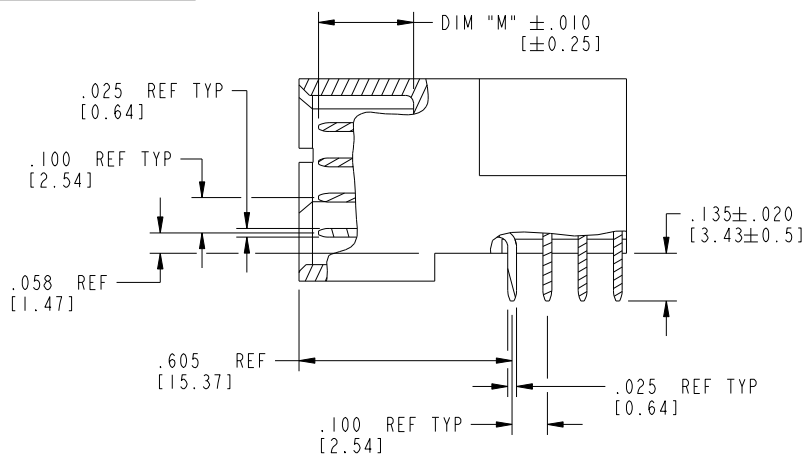
cage code 22526



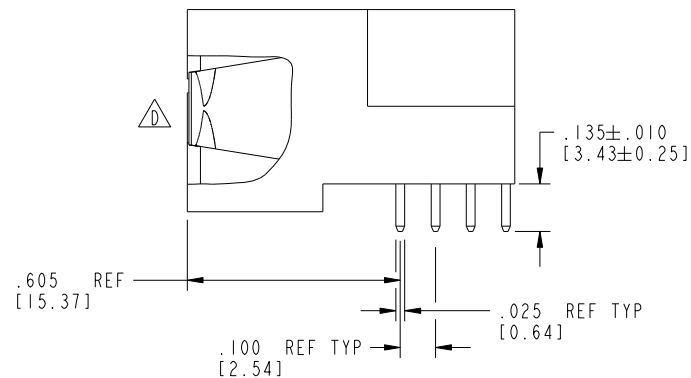
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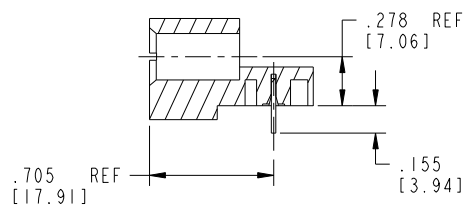
PRODUCT NUMBER
51939-087--
NOTE: 3



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				 www.fciconnect.com				
ltr		ecn no.		dr		date		linear	$.XX \pm .01 / 0.X \pm 0.3$				COPY				title 3ACP + 24S + 6P RIGHT ANGLE SOLDER HEADER			
D									$.XXX \pm .005 / 0.XX \pm 0.13$				projection							
									$.XXX \pm .0020 / 0.XXX \pm 0.051$											
								angles	$0^\circ \pm 2^\circ$								product family			
								dr	T. BRUNGARD 10/24/03								PwrBlade			
								enrg	M. GRAY 10/24/03								code			
								chr	M. GRAY 10/24/03				scale				size		dwg no	
								appd	M. GRAY 10/24/03				1:1				A		51939-087	
sheet index		revision sheet																		

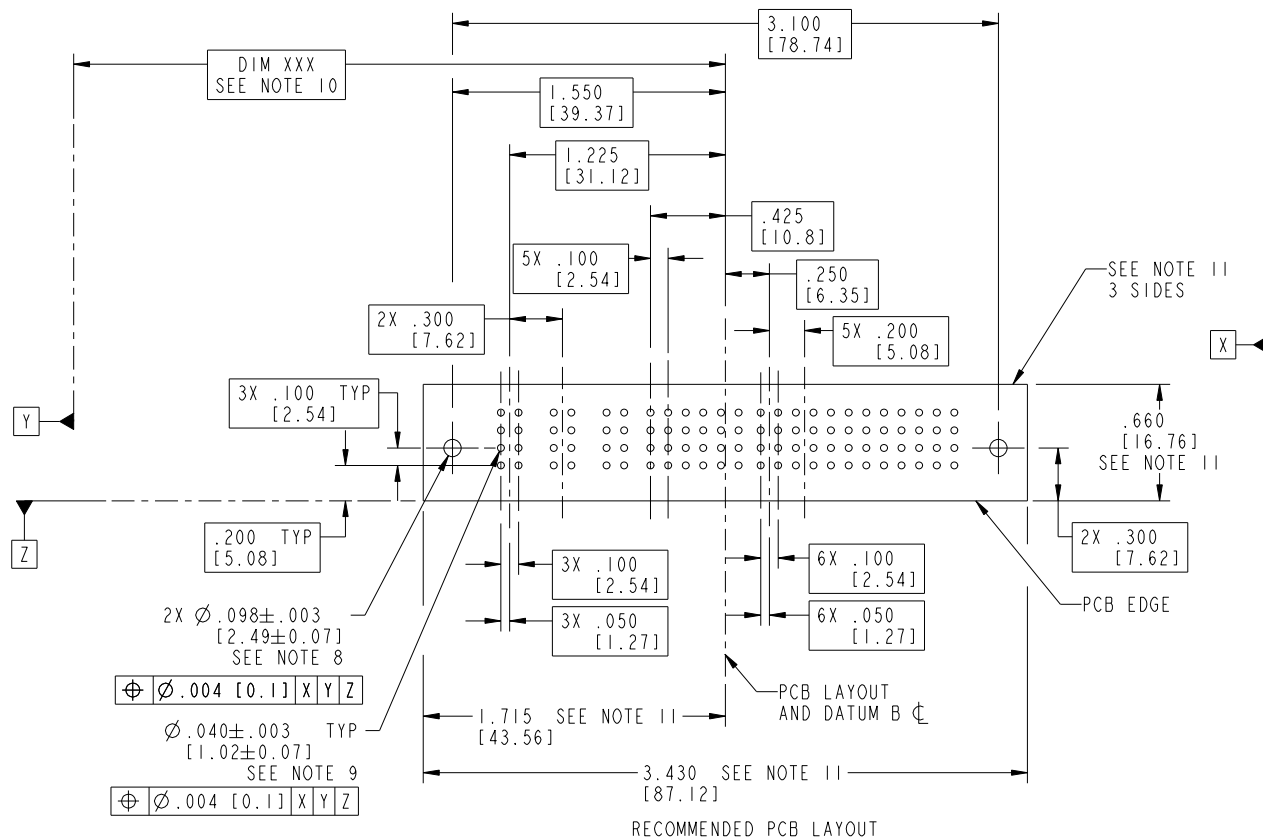
Pro/E



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PRODUCT NUMBER
51939-087--
NOTE: 3



mat'l code				tolerances unless otherwise specified		CUSTOMER		FCI	
ltr	ecn no.	dr	date	linear	XX±.01/0.X±0.3	projection	COPY	www.fciconnect.com	
D					.XXX±.005/0.XX±0.13			title 3ACP + 24S +6P	
					.XXX±.0020/0.XXX±0.051			RIGHT ANGLE SOLDER HEADER	
				angles	0°±2°	INCH/MM	scale 1:1	product family PwrBlade	
				dr	T. BRUNGARD 10/24/03			code 213	
				enrg	M. GRAY 10/24/03			size dwg no 213	
				chr	M. GRAY 10/24/03	A	51939-087	sheet 3 of 4	
				appd	M. GRAY 10/24/03				
sheet index	revision sheet								

Pro/E

cage code 22526

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PRODUCT NUMBER
51939-087-- 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 51939-087 AND 51939-087LF 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 △ 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	ecr no.	dr	date					COPY					
D				linear		.XX±.01/0.X±0.3		projection		title		3ACP + 24S + 6P	
						.XXX±.005/0.XX±0.13				RIGHT ANGLE SOLDER HEADER			
				angles		.XXX±.0020/0.XXX±0.051				product family	PwrBlade	code	213
				dr	T. BRUNGARD	10/24/03		INCH/MM		size	dwg no	sheet	4 of 4
				enr	M. GRAY	10/24/03		scale		A	51939-087		
				chr	M. GRAY	10/24/03		1:1					
				appd	M. GRAY	10/24/03							
sheet index	revision sheet												

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Mouser Electronics

Authorized Distributor

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FCI:

51939-087