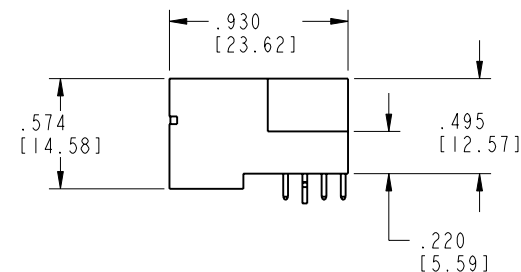
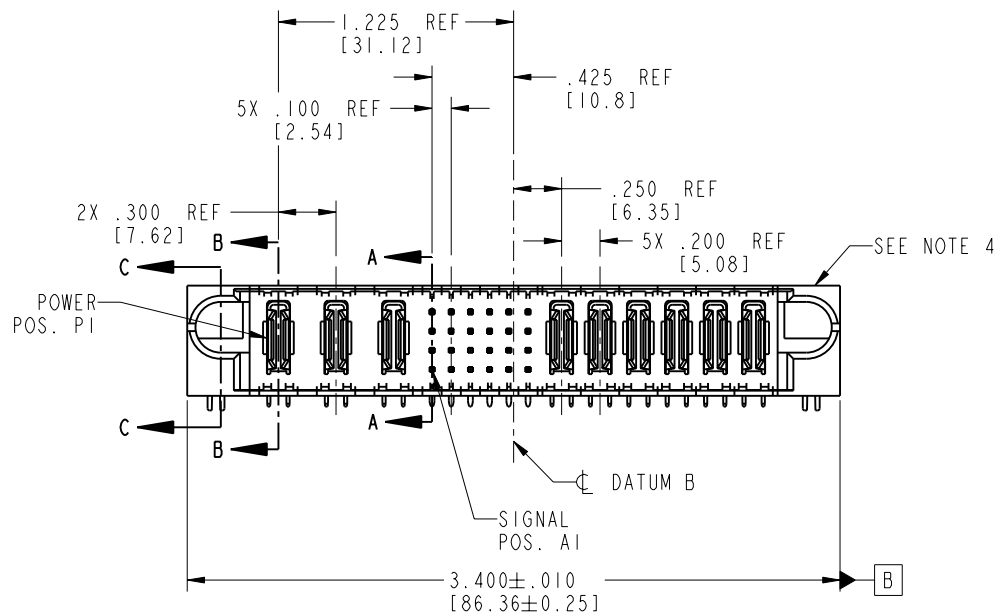


AF

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



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

mat'l code				SEE NOTE 2				tolerances unless otherwise specified				CUSTOMER		A FCI www.fciconnect.com					
lfr		ecn no.		dr		date		linear .XX±.01/0.X±0.3 .XXX±.005/0.XX±0.13 .XXXX±.0020/0.XXX±0.051 angles 0°±2°		COPY		projection title3ACP + 24S + 6P RIGHT ANGLE SOLDER HEADER							
A		V03-1149		TAB		10/24/03				INCH/MM									
B		V03-1223		TAB		11/14/03				scale									
C		DG06-0014		JMG		01/13/06				1:1									
								dr		T. BRUNGARD		10/24/03		product family		PwrBlade		code	
								engr		M. GRAY		10/24/03		size		dwg no		213	
								chr		M. GRAY		10/24/03		A		51939-087		sheet	
								appd		M. GRAY		10/24/03						1 of 4	
sheet index		revision sheet		C		C		C		C									
				1		2		3		4									

Pro/E

coge code	22526
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PDM: Rev:C

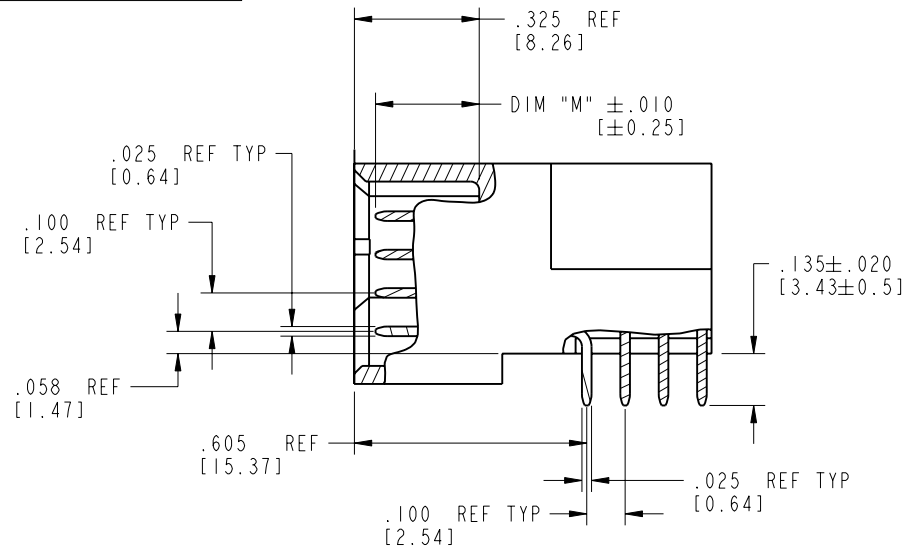
STATUS: **Released** Printed: Aug 14, 2007

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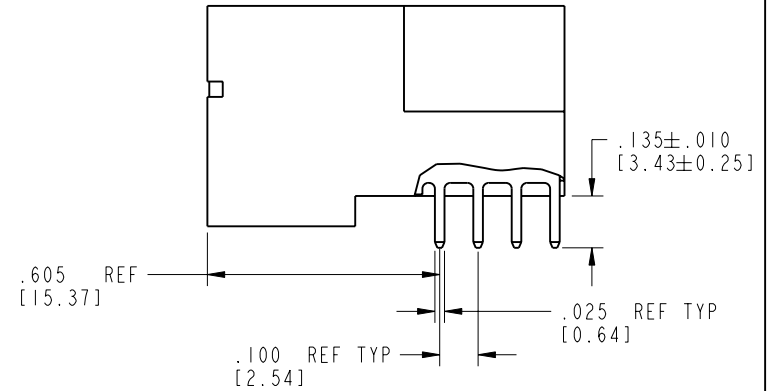
FCI

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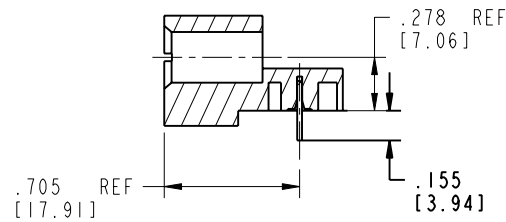
PRODUCT NUMBER
51939-087__
NOTE: 3



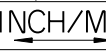
BROKEN-OUT SECTION A-A
SCALE 2:1



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	
lfr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3	COPY			
C					.XXX±.005/0.XX±0.13	projection		title	3ACP + 24S +6P
				angles	.XXX±.0020/0.XXX±0.051			RIGHT ANGLE SOLDER HEADER	
				dr	T. BRUNGARD 10/24/03	INCH/MM		product family	PwrBlade
				engr	M. GRAY 10/24/03	scale	1:1	size	dwg no
				chr	M. GRAY 10/24/03			A	51939-087
				appd	M. GRAY 10/24/03				
sheet index	revision sheet								

cage code 22526

Pro/E

PDM: Rev:C

STATUS: Released

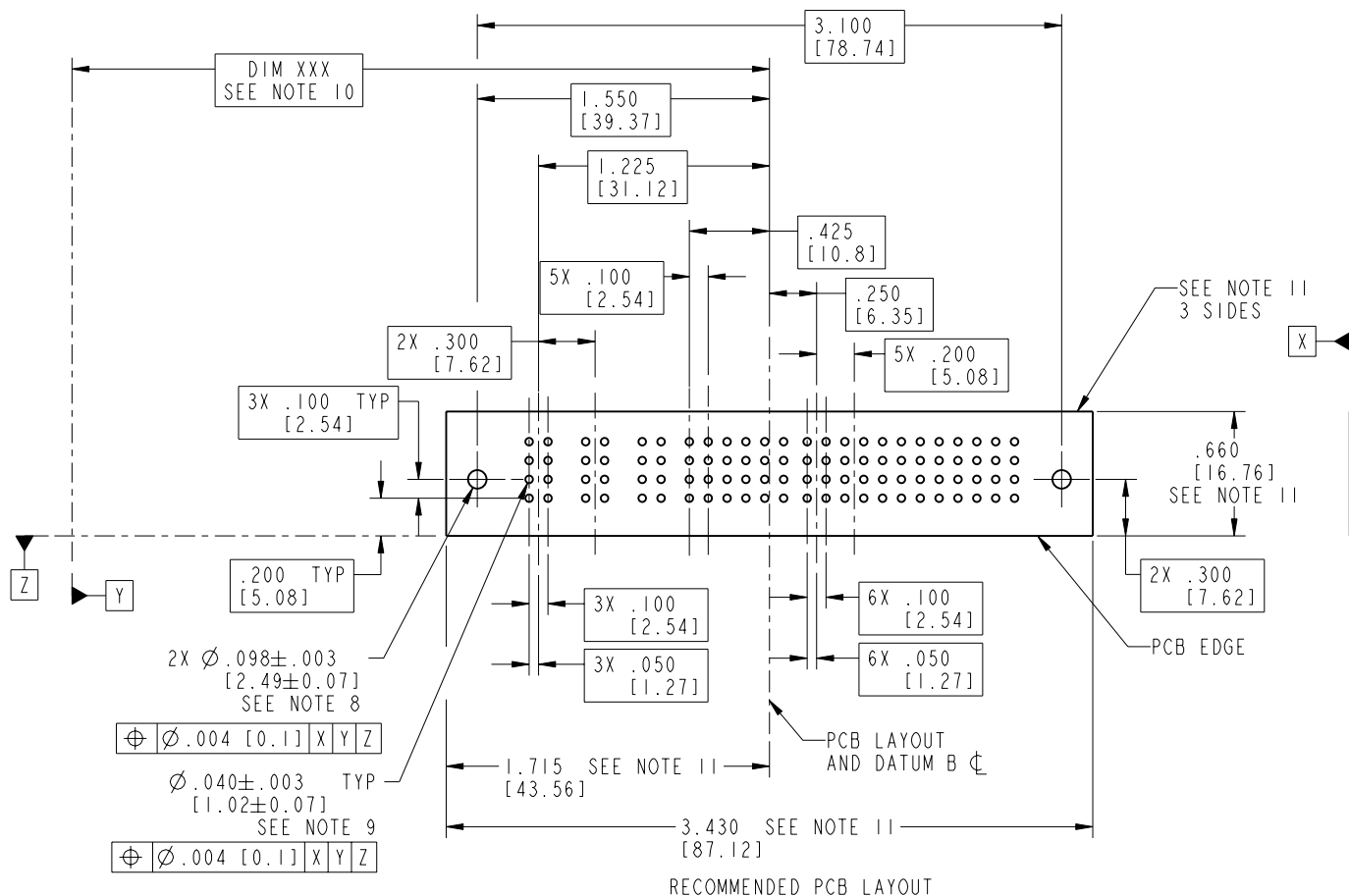
Printed: Aug 14, 2007

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PRODUCT NUMBER
51939-087--
NOTE: 3



mat'l code				tolerances unless otherwise specified		CUSTOMER		A FCI		www.fciconnect.com	
lfr	ecn no.	dr	date	linear	angular	COPY	projection	title	product family	code	sheet
C				.XX±.01/0.X±0.3	.XXX±.005/0.XX±0.13	projection		3ACP + 24S +6P	PwrBlade	213	3 of 4
				.XXX±.002/0.XX±0.051	0°±2°	INCH/MM		RIGHT ANGLE SOLDER HEADER	size	51939-087	3 of 4
				dr	engr	chr	appd	scale	A		
				T. BRUNGARD	M. GRAY	M. GRAY	M. GRAY	1:1			
				10/24/03	10/24/03	10/24/03	10/24/03				
sheet index	revision sheet										

Pro/E

cage code 22526

PDM: Rev:C

STATUS: Released

Printed: Aug 14, 2007

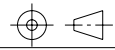
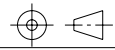
PRODUCT NUMBER
51939-087__
NOTE: 3

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. 51939-087;51939-087LF;51939-087GLF PLATING SPEC. SEE PRINT:10064183
 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.

mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com		
lfr	ecn no.	dr	date	linear	.XX $\pm$.01/0.X $\pm$ 0.3		COPY					
C					.XXX $\pm$.005/0.XX $\pm$ 0.13		projection					
					.XXX $\pm$.0020/0.XXX $\pm$ 0.051							
				angles	0° $\pm$ 2°		INCH/MM		title			
				dr	T. BRUNGARD	10/24/03			product family		PwrBlade	code
				engr	M. GRAY	10/24/03			size		dwg no	213
				chr	M. GRAY	10/24/03			A		sheet	
				appd	M. GRAY	10/24/03					4 of 4	
sheet index		revision sheet										