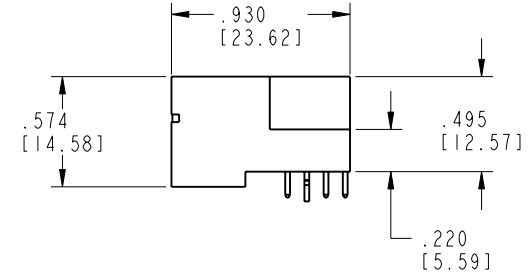
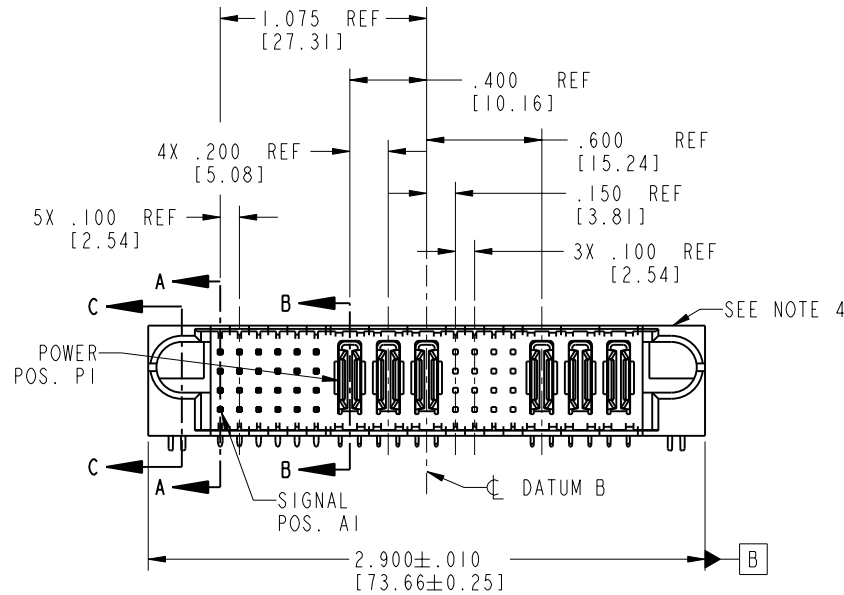


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PRODUCT NO.	ROWS	SIGNAL					POWER			SIG.				POWER			E2				
		E1	1	2	3	4	5	6	P1	P2	P3	7	8	9	10	P4		P5	P6		
51939-090-- NOTE: 3	D C B A		UUUUUUH	TTTTTTT	SSSSSSS	RRRRRRR			PA	PA	PA	X	X	X	X	X	X	PA	PA	PA	
			UUUUUUH	TTTTTTT	SSSSSSS	RRRRRRR			PA	PA	PA	X	X	X	X	X	X	PA	PA	PA	



CODE	DIM "M" MATING LENGTH	CONTACT TYPE
E	.220 [5.59]	SIGNAL
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
X	OMITTED	OMITTED

mat'l code				tolerances unless otherwise specified		CUSTOMER		A FCI		www.fciconnect.com	
lfr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3	projection	COPY	title	product family	PwrBlade	code
A	V03-1199	TAB	11/06/03		.XXX±.005/0.XXX±0.13						
B	DG06-0014	JMG	01/13/06	angles	.XXX±.0020/0.XXX±0.051	INCH/MM	scale	size	dwg no	A	51939-090
					0°±2°						
				dr	T. BRUNGARD 11/06/03						
				enrg	M. GRAY 11/06/03						
				chr	M. GRAY 11/06/03						
				appd	M. GRAY 11/06/03						
sheet index	revision	B	B	B	B						
	sheet	1	2	3	4						

Pro/E

cage code 22526

PDM: Rev:B

STATUS: Released

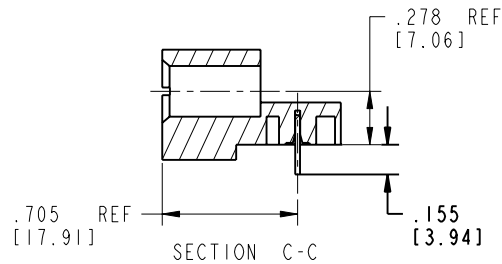
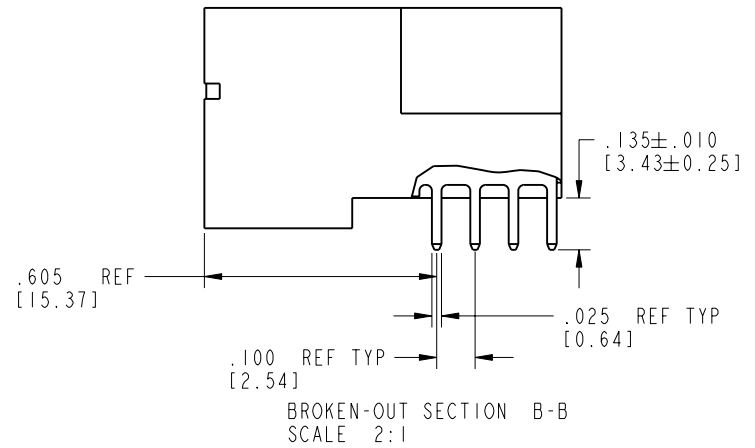
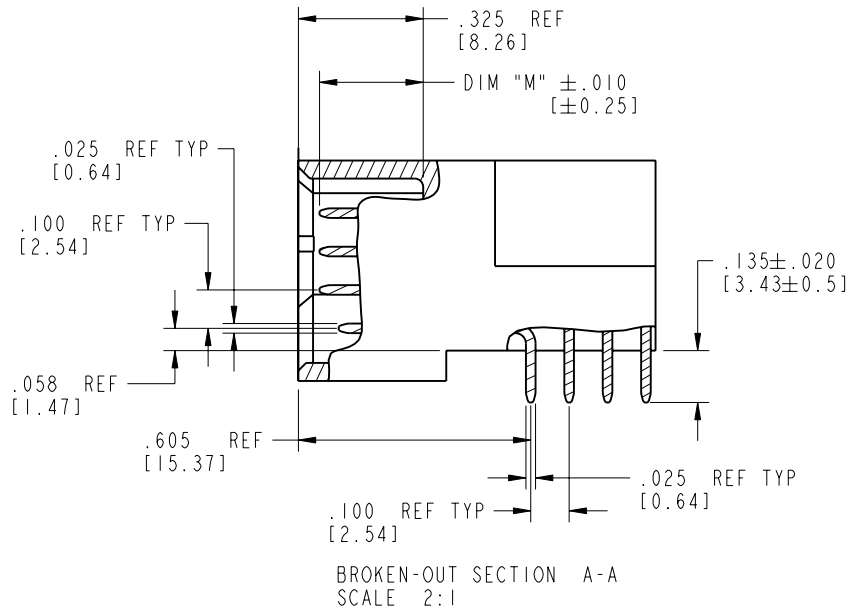
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PRODUCT NUMBER
51939-090--
NOTE: 3



mat'l code				tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com	
lfr	ecn no.	dr	date	linear	angular	COPY	projection		
B				.XX±.01/0.X±0.3				title	24S + 3P + 16S + 3P
				.XXX±.005/0.XX±0.13				RIGHT ANGLE SOLDER HEADER	
				.XXXX±.0020/0.XXX±0.051				product family	PwrBlade
				dr T. BRUNGARD 11/06/03				code	213
				engr M. GRAY 11/06/03				size	dwg no
				chr M. GRAY 11/06/03				A	51939-090
				appd M. GRAY 11/06/03				sheet	2 of 4
sheet index	revision sheet								

Pro/E

cage code 22526

PDM: Rev:B

STATUS: Released

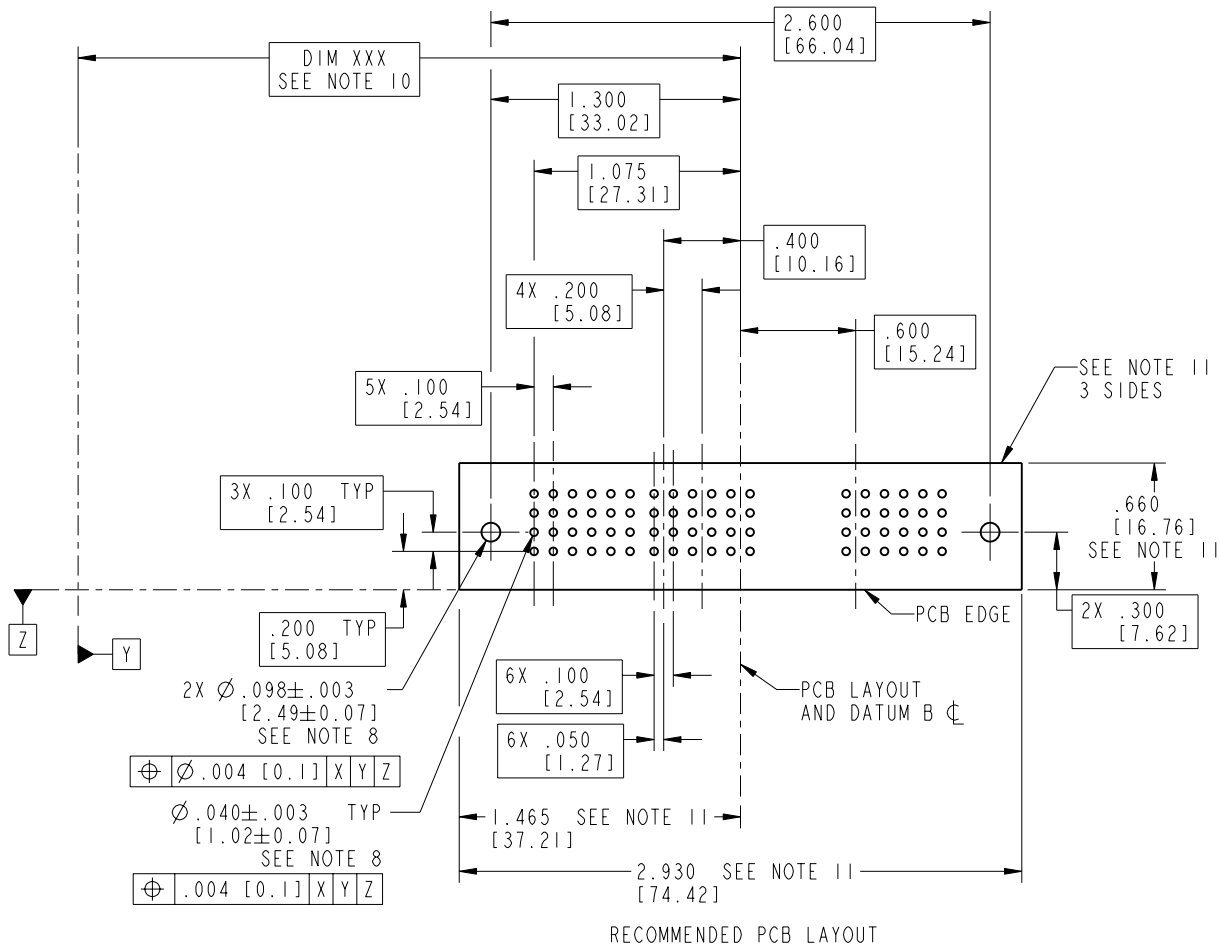
Printed: Aug 14, 2007

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PRODUCT NUMBER
51939-090--
NOTE: 3



mat'l code				tolerances unless otherwise specified		CUSTOMER		A FCI www.fciconnect.com			
lfr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3	projection	COPY	title 24S + 3P + 16S + 3P RIGHT ANGLE SOLDER HEADER			
B					.XXX±.005/0.XX±0.13						
					.XXXX±.0020/0.XXX±0.051						
				angles	0°±2°	INCH/MM scale 1:1	product family PwrBlade size 51939-090	code 213 sheet 3 of 4			
				dr	T. BRUNGARD 11/06/03						
				enqr	M. GRAY 11/06/03						
				chr	M. GRAY 11/06/03	sheet index	revision sheet	cage code 22526			
				appd	M. GRAY 11/06/03						

Pro/E

PDM: Rev:B

STATUS: Released

Printed: Aug 14, 2007

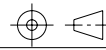
PRODUCT NUMBER
51939-090__
NOTE: 3

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. 51939-090;51939-090LF;51939-090GLF 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		 FCI www.fciconnect.com	
lfr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3			COPY		title 24S + 3P + 16S + 3P RIGHT ANGLE SOLDER HEADER	
B					.XXX±.005/0.XX±0.13			projection			
					.XXX±.0020/0.XXX±0.051						
				angles	0°±2°			INCH/MM scale 1:1		product family PwrBlade size dwg no 51939-090 A	
		dr		T. BRUNGARD 11/06/03							
		engr		M. GRAY 11/06/03							
		chr		M. GRAY 11/06/03					code 213 sheet 4 of 4		
		appd		M. GRAY 11/06/03							
sheet index		revision sheet									