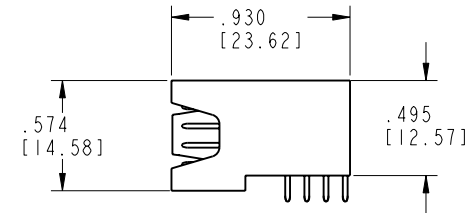
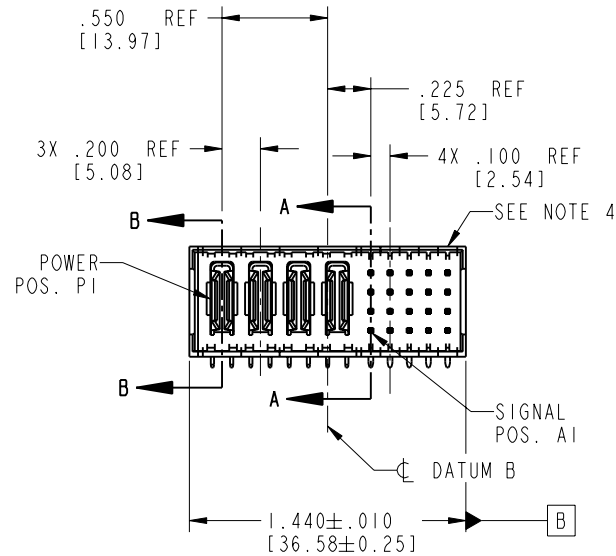


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PRODUCT NO.	ROWS	POWER				SIGNAL				
		P1	P2	P3	P4	1	2	3	4	5
51939-096-- Note: ③	D C B A	PA	PA	PA	PA	UUUUU	TTTTT	TTTTT	TTTTT	TTTTT
						SSSSS				
						RRRRR				



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

mat'l code				SEE NOTE 2				tolerances unless otherwise specified				CUSTOMER				A FCI www.fciconnect.com																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
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Pro/E

cage code 22526

PDM: Rev:C

STATUS: Released

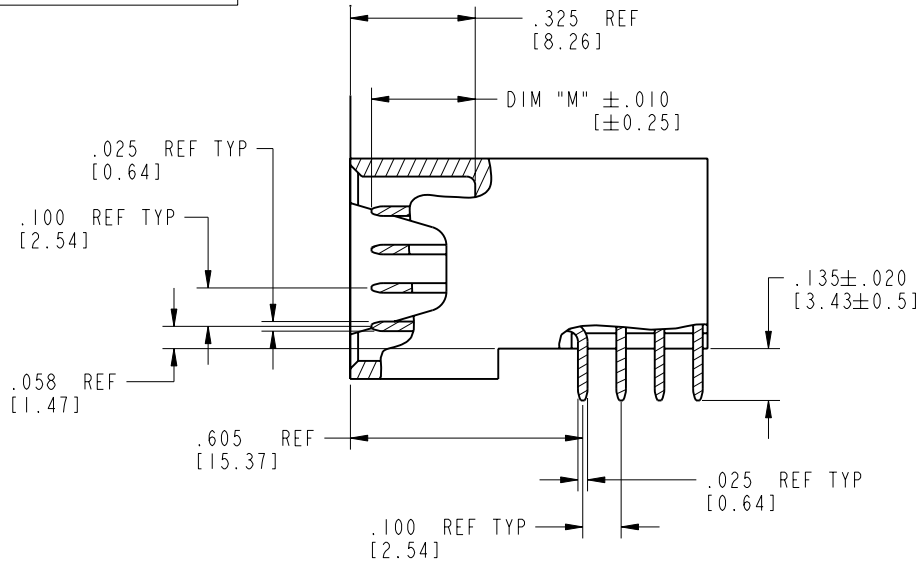
Printed: Aug 14, 2007

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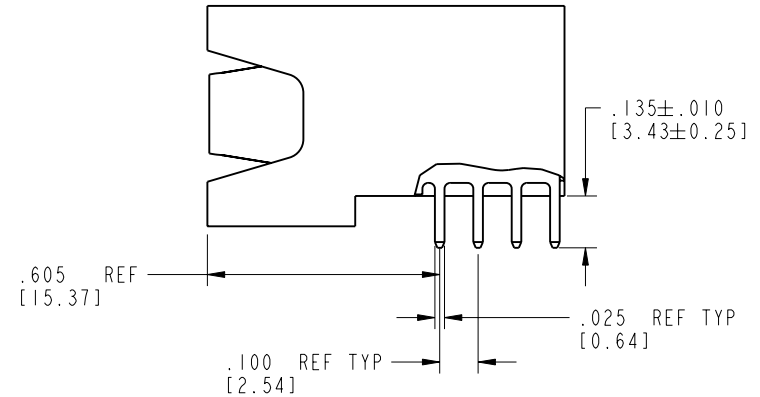
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PRODUCT NUMBER
51939-096--
Note: (3)



BROKEN-OUT SECTION A-A
SCALE 2:1



BROKEN-OUT SECTION B-B
SCALE 2:1

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		COPY		4P + 20S RIGHT ANGLE SOLDER HEADER			
C					.XXX±.005/0.XX±0.13		projection					
					.XXX±.0020/0.XXX±0.051							
				angles	0°±0°							
		dr	T. BRUNGARD		11/25/03	INCH/MM		product family		PwrBlade		code
		engr	M. GRAY		11/25/03			size		dwg no		213
		chr	M. GRAY		11/25/03	scale		A		51939-096		sheet
		appd	M. GRAY		11/25/03			1:1				2 of 4
sheet index		revision sheet										

cage code 22526

Pro/E

PDM: Rev:C

STATUS: Released

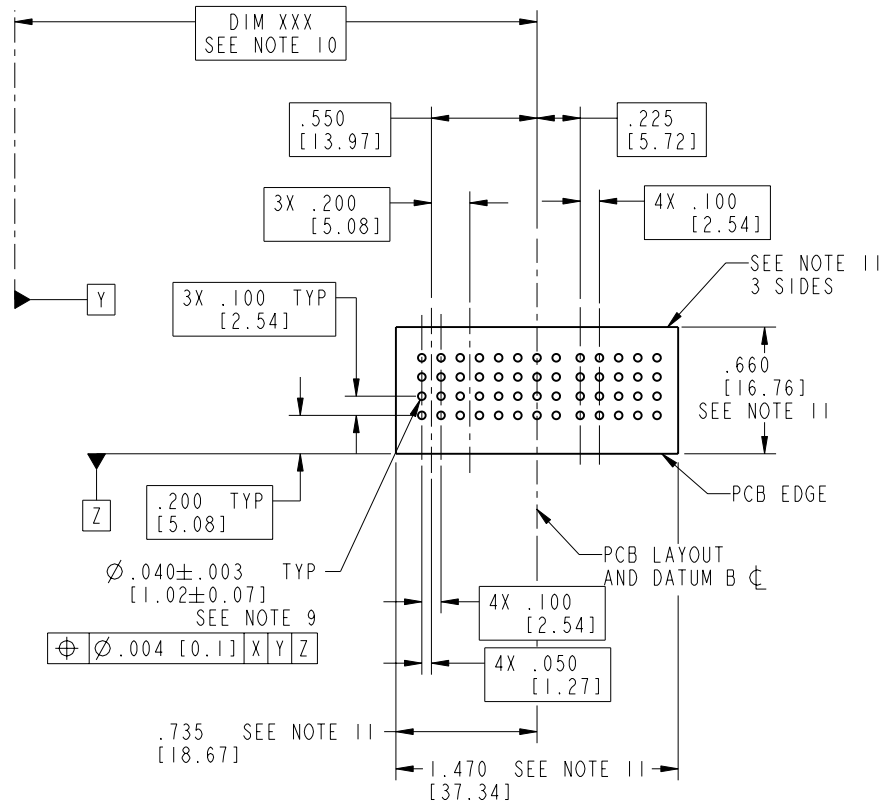
Printed: Aug 14, 2007

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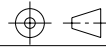
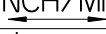
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PRODUCT NUMBER
51939-096--
Note: ③



RECOMMENDED PCB LAYOUT

mat'l code				tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com			
lfr	ecn no.	dr	date	linear	angular	COPY	projection	title	product family	code	
C				.XX±.01/0.X±0.3	.XXX±.005/0.XX±0.13			4P + 20S	PwrBlade	213	
				.XXX±.0020/0.XXX±0.051	0°±2°			RIGHT ANGLE SOLDER HEADER			
				dr	T. BRUNGARD 11/25/03			product family	PwrBlade	code	
				enrg	M. GRAY 11/25/03			size	dwg no	sheet	
				chr	M. GRAY 11/25/03			A	51939-096	3 of 4	
				appd	M. GRAY 11/25/03						
sheet index	revision	sheet									

Pro/E

cage code 22526

PDM: Rev:C

STATUS: Released

Printed: Aug 14, 2007

PRODUCT NUMBER
51939-096--
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. 51939-096;51939-096LF;51939-096GLF 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				A FCI www.fciconnect.com			
lfr		ecn no.		dr		date		linear		COPY				projection title 4P + 20S RIGHT ANGLE SOLDER HEADER					
C																			
								angles		.XXX±.005/0.XX±0.13 .XXX±.0020/0.XXX±0.051 0°+2°									
				dr		T. BRUNGARD 11/25/03		INCH/MM ← → scale 1:1				product family		PwrBlade		code			
				engr		M. GRAY 11/25/03						size		dwg no		213			
				chr		M. GRAY 11/25/03								sheet					
				appd		M. GRAY 11/25/03						A 51939-096		4 of 4					
sheet index		revision sheet																	

cage code 22526

Pro/E