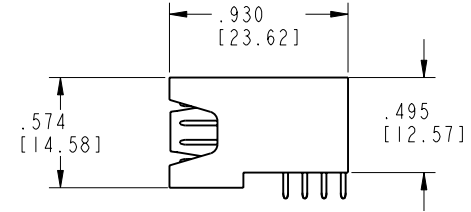
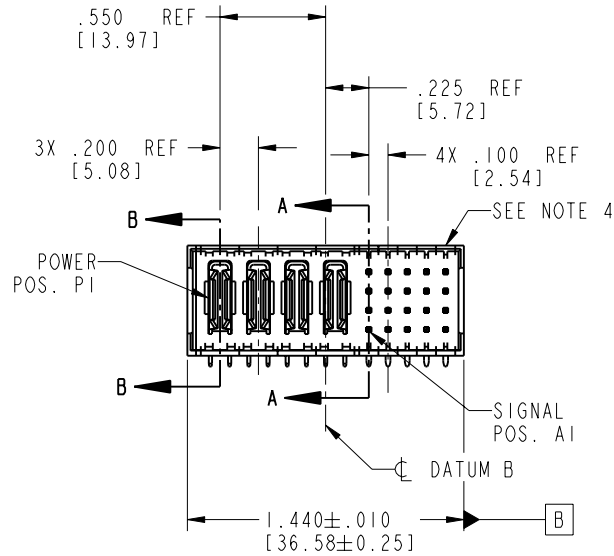


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PRODUCT NO.	ROWS	POWER				SIGNAL				
		P1	P2	P3	P4	1	2	3	4	5
51939-096-- Note: ③	D C B A	PA	PA	PA	PA	UUUUU	TTTTT	TTTTT	TTTTT	TTTTT
						SSSSS	SSSSS	SSSSS	SSSSS	SSSSS
						RRRRR	RRRRR	RRRRR	RRRRR	RRRRR



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		 www.fciconnect.com	
ltr	ecn no.	dr	date	linear	.XX±.01/0.XX±0.3		COPY		 INCH/MM	title	
A	V03-1260	TAB	11/25/03		.XXX±.005/0.XX±0.13		projection			4P + 20S	
B	DG05-0181	SJ	06/21/05	angles	.XXX±.0020/0.XXX±0.051		 scale		RIGHT ANGLE SOLDER HEADER		
C	DG06-0014	JMG	01/16/06		0° ± 2°		1:1		product family		
				dr	T. BRUNGARD	11/25/03			PwrBlade		code
				engr	M. GRAY	11/25/03			size		213
				chr	M. GRAY	11/25/03			dwg no		sheet
				appd	M. GRAY	11/25/03			A 51939-096		1 of 4
sheet index	revision sheet	C	C	C	C	C					
		1	2	3	4						

cage code 22526

Pro/E

PDM: Rev:C

STATUS: Released

Printed: Aug 14, 2007

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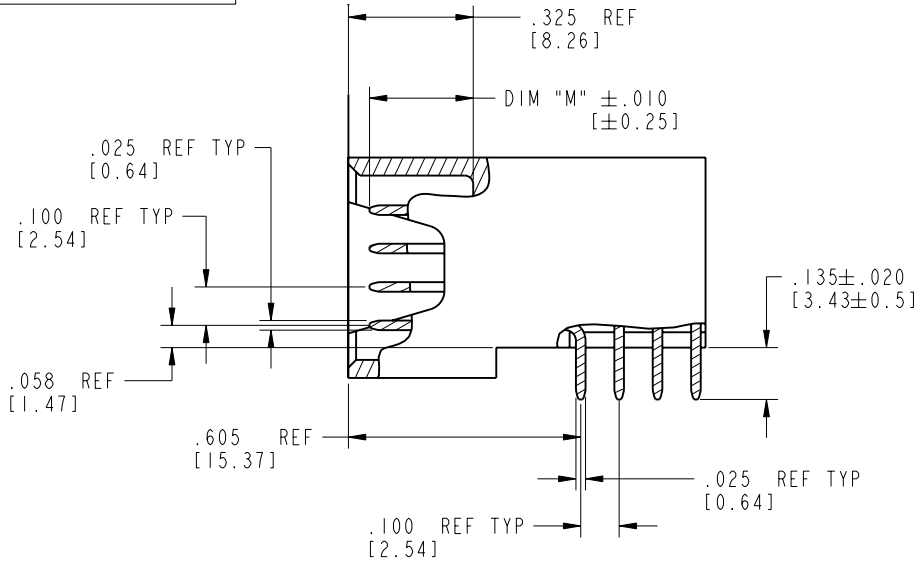
FCI

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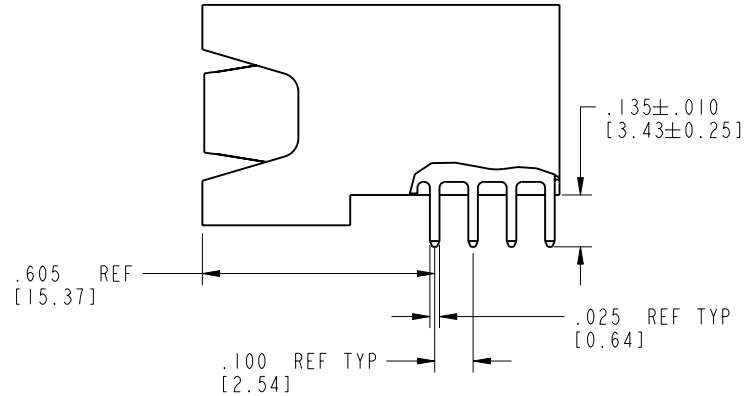
PRODUCT NUMBER

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		FCI www.fciconnect.com	
lfr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3		COPY		projection	title	
C					.XXX±.005/0.XX±0.13		A			4P + 20S	
					.XXX±.0020/0.XXX±0.051		INCH/MM			RIGHT ANGLE SOLDER HEADER	
				angles	0° ± 2°		scale		product family		
				dr	T. BRUNGARD	11/25/03	1:1		PwrBlade		
				engr	M. GRAY	11/25/03			code		
				chr	M. GRAY	11/25/03			size		
				appd	M. GRAY	11/25/03			dwg no		
sheet index		revision sheet						A		51939-096	
										2 of 4	

cage code 22526

Pro/E

PDM: Rev:C

STATUS: **Released**

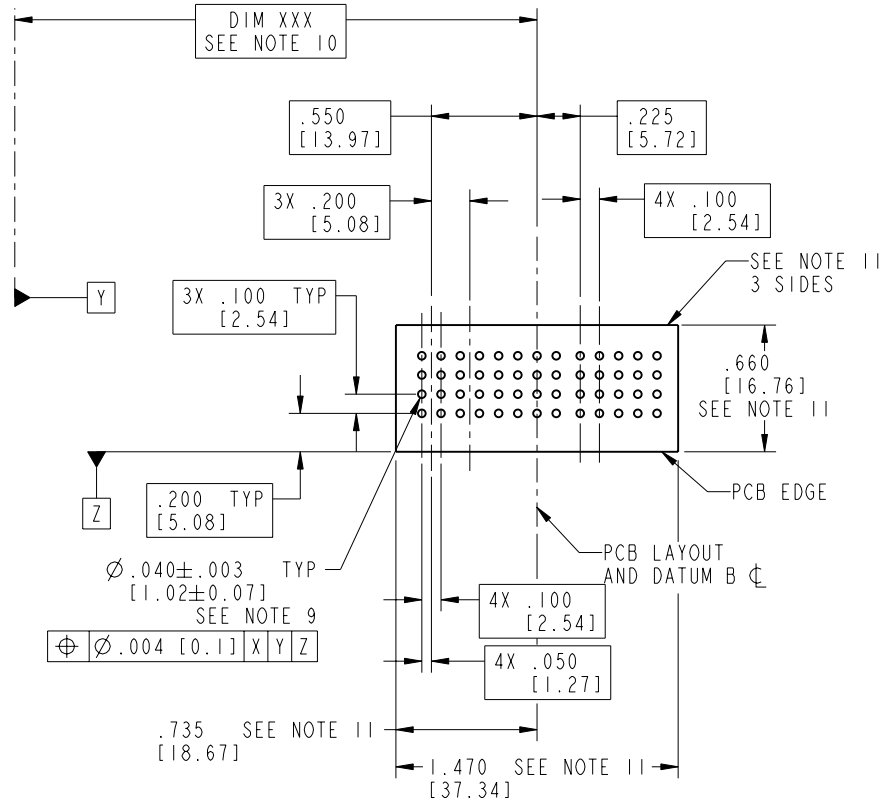
Printed: Aug 14, 2007

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PRODUCT NUMBER
51939-096__
Note: ③



RECOMMENDED PCB LAYOUT

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	projection	COPY		title		
C				angles	.XXX±.005/0.XX±0.13				4P + 20S		
				dr	.XXX±.0020/0.XXX±0.051	INCH/MM		product family		RIGHT ANGLE SOLDER HEADER	
				engr	T. BRUNGARD 11/25/03	scale		PwrBlade		code	
				chr	M. GRAY 11/25/03	1:1		size		213	
				appd	M. GRAY 11/25/03			dwg no		sheet	
sheet index		revision sheet						A		3 of 4	
								51939-096			

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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		 www.fciconnect.com	
lfr	ecn no.	dr	date	linear	.XX \pm .01/0.X \pm 0.3		COPY			title	
C					.XXX \pm .005/0.XX \pm 0.13		INCH/MM			4P + 20S	
				angles	.XXX \pm .0020/0.XXX \pm 0.051				RIGHT ANGLE SOLDER HEADER		
				dr	T. BRUNGARD	11/25/03	product family		PwrBlade	code	
				engr	M. GRAY	11/25/03	size		dwg no	213	
				chr	M. GRAY	11/25/03	A		51939-096	sheet	
				appd	M. GRAY	11/25/03	scale		1:1	4 of 4	
sheet index	revision sheet										

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