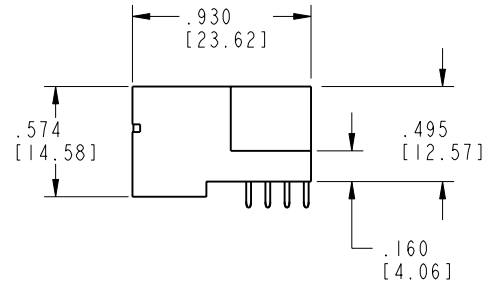
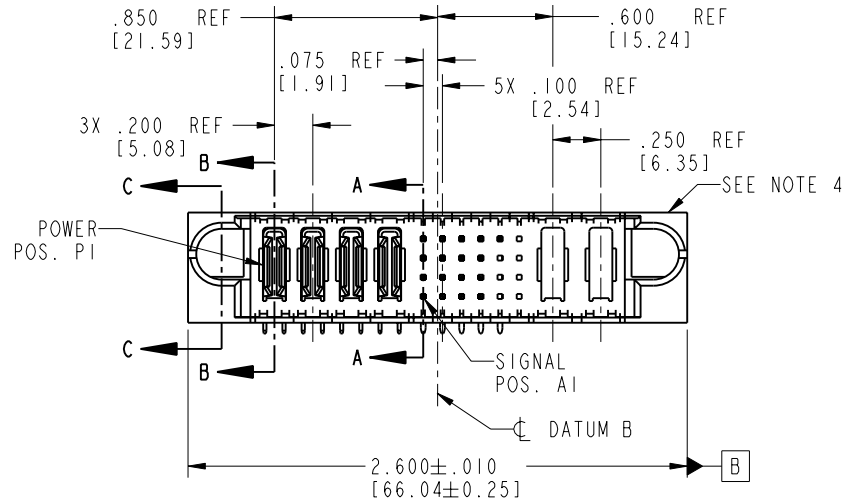


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PRODUCT NO.	ROWS	POWER				SIGNAL						POWER		E2	
		E1	P1	P2	P3	P4	1	2	3	4	5	6	P5		P6
51939-039-- NOTE: 3	D C B A		PA	PA	PA	PA	UUUUU	TTTTT	SSSSS	RRRRR			X	X	



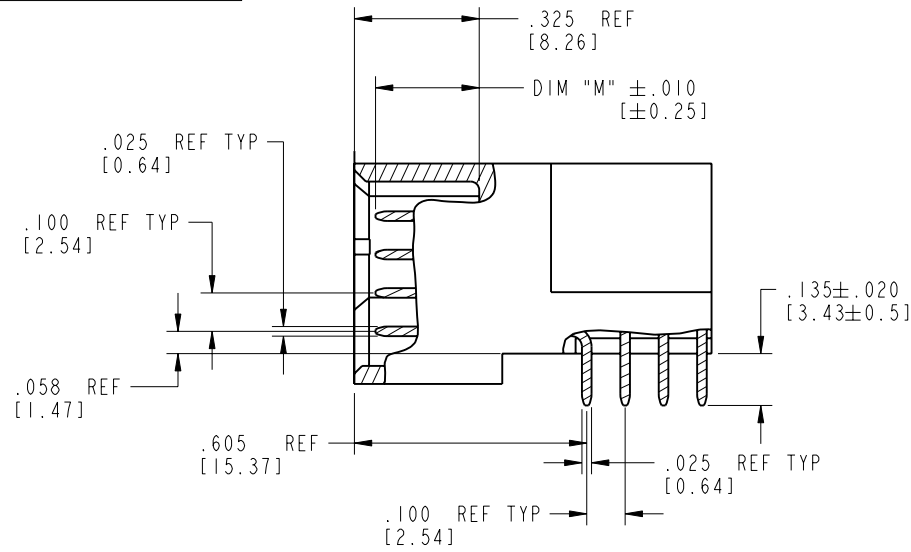
CODE	DIM "M" MATING LENGTH	CONTACT TYPE
F	.220 [5.59]	SIGNAL
R	.270 [6.86]	SIGNAL
S	.270 [6.86]	SIGNAL
T	.270 [6.86]	SIGNAL
U	.270 [6.86]	SIGNAL
PA	N/A [N/A]	POWER
X	OMITTED	OMITTED

mat'l code SEE NOTE 2				tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com	
ltr	ecn no.	dr	date	linear	projection	COPY			
A	V03-0058	TAB	01/13/03	.XX±.01/0.X±0.3	 INCH/MM	title			
B	DG06-0008	JMG	01/09/06	.XXX±.005/0.XXX±0.13		4P + 24S + 2P			
				angles	 scale 1:1	RIGHT ANGLE SOLDER HEADER			
				dr		product family PwrBlade			
				engr	code				
				chr	size				
				appd	dwg no				
					A 51939-039				
					sheet				
					1 of 4				
sheet index		revision sheet		B	B	B	B		
		1 2		3	4				

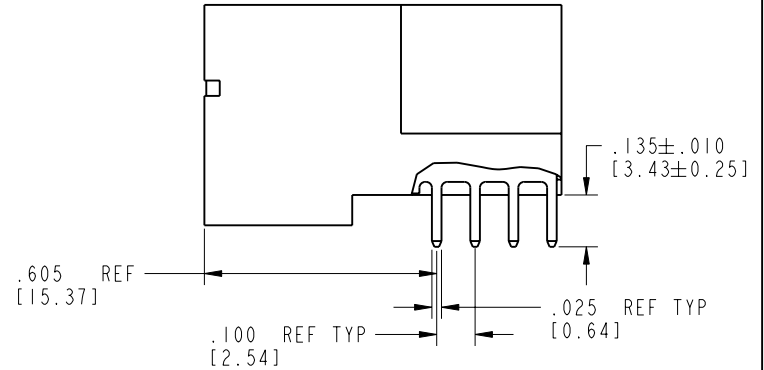
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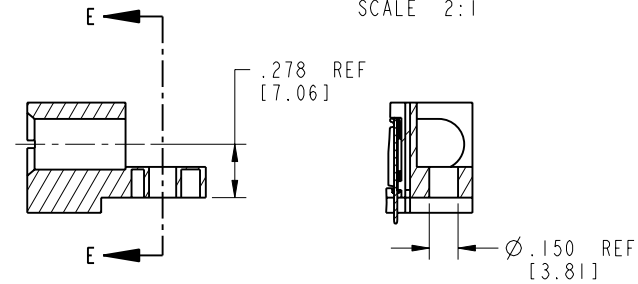
PRODUCT NUMBER
51939-039--
NOTE: 3



BROKEN-OUT SECTION A-A
SCALE 2:1


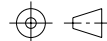
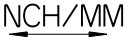


BROKEN-OUT SECTION B-B
SCALE 2:1



PARTIAL SECTION E-E

SECTION C-C

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			
B				projection	.XXX±.005/0.XX±0.13			title	4P + 24S + 2P
				angles	.XXX±.0020/0.XXX±0.051			RIGHT ANGLE SOLDER HEADER	
				dr	T. BRUNGARD 01/13/03	INCH/MM scale 1:1		product family	PwrBlade
				engr	M. MOSTOLLER 01/13/03			code	213
				chr	M. MOSTOLLER 01/13/03			size	dwg no
				appd	M. MOSTOLLER 01/13/03			A	51939-039
sheet index	revision sheet							sheet	2 of 4

cage code 22526

Pro/E

PDM: Rev:C

STATUS: Released

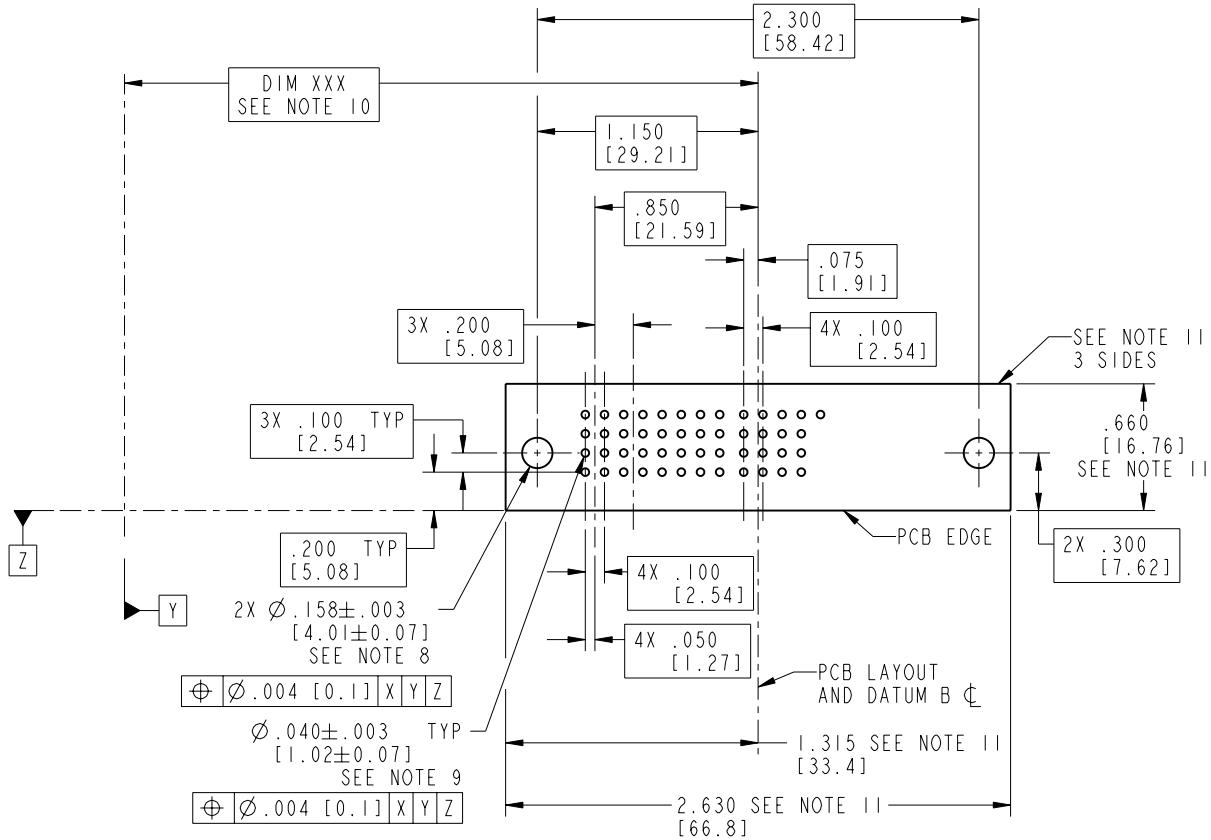
Printed: Dec 20, 2010

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PRODUCT NUMBER
51939-039--
NOTE: 3



RECOMMENDED PCB LAYOUT

mat'l code SEE NOTE 2				tolerances unless otherwise specified		CUSTOMER	FCI www.fciconnect.com	
lfr	ecr no.	dr	date	linear	.XX±.01/0.X±0.3	COPY	title	4P + 24S + 2P
B				angles	.XXX±.005/0.XX±0.13 .XXX±.0020/0.XXX±0.051	projection	RIGHT ANGLE SOLDER HEADER	
				dr	T. BRUNGARD 01/13/03	INCH/MM ↔	product family	PwrBlade
				enrg	M. MOSTOLLER 01/13/03		code	213
				chr	M. MOSTOLLER 01/13/03		size	dwg no
				appd	M. MOSTOLLER 01/13/03		scale	A 51939-039
sheet index	revision sheet						size	3 of 4
							sheet	3 of 4

cage code 22526

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PRODUCT NUMBER
51939-039__
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. 51939-039;51939-039LF;51939-039GLF 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±.01/0.X±0.3	COPY			
B				projection	.XXX±.005/0.XX±0.13			title	4P + 24S + 2P
				angles	.XXX±.0020/0.XXX±0.051			RIGHT ANGLE SOLDER HEADER	
				dr	T. BRUNGARD 01/13/03	INCH/MM		product family	PwrBlade
				engr	M. MOSTOLLER 01/13/03			code	213
				chr	M. MOSTOLLER 01/13/03	scale		size	dwg no
				appd	M. MOSTOLLER 01/13/03	1:1		A	51939-039
sheet index	revision sheet							sheet	4 of 4

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