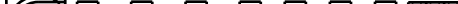
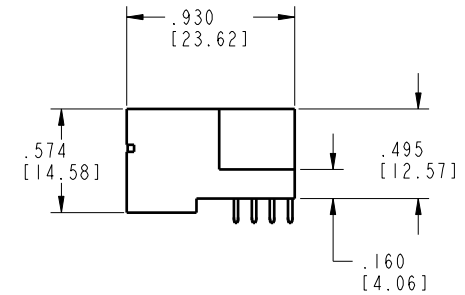
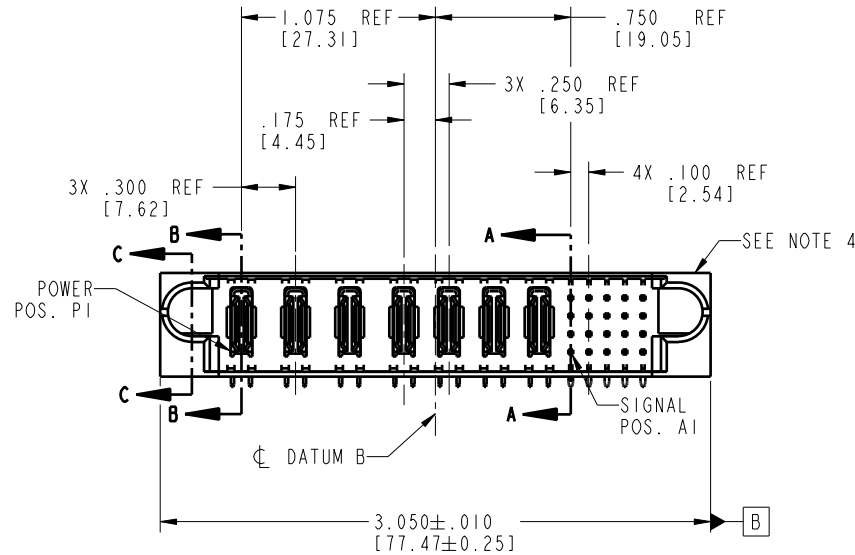


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A
FCI

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PRODUCT NO.	ROWS	POWER							SIGNAL					E2		
		E1	P1	P2	P3	P4	P5	P6	P7	1	2	3	4		5	
51939-173- Note: ③	D C B A		PA	PA	PA	PA	PA	PA	PA		UUUUU	UUUUU	UUUUU	UUUUU	UUUUU	
																



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

mat'l code				tolerances unless otherwise specified		CUSTOMER		A FCI	
lir	ecn no.	dr	date	linear	.XX±.01/0.X±0.3	COPY	projection	title	www.fciconnect.com
A	DG05-0077	SLUO	4/11/05		.XXX±.005/0.XX±0.13			4ACP + 3P + 20S	
B	DG06-0013	RYAN	01/27/06		.XXX±.0020/0.XXX±0.051			RIGHT ANGLE SOLDER HEADER	
				angles	0°±2°			product family	PwrBlade
				dr	SLUO 4/11/05	INCH/MM		size	code
				engr	SLUO 4/11/05	scale		dwg no	213
				chr	VICTOR LIN 4/11/05	1:1		51939-173	sheet
				appd	JOSEPH HSIA 4/11/05				1 of 4
sheet index	revision	B	B	B	B				
	sheet	1	2	3	4				

Pro/E

code code 22526

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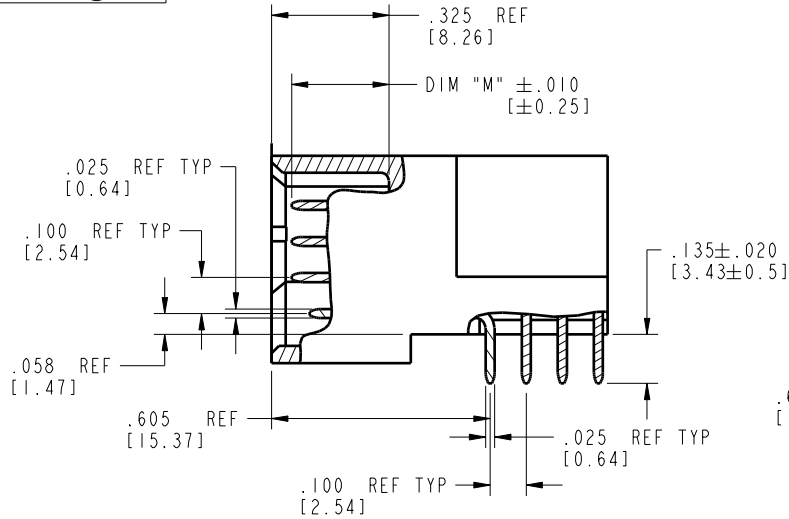
A FCI

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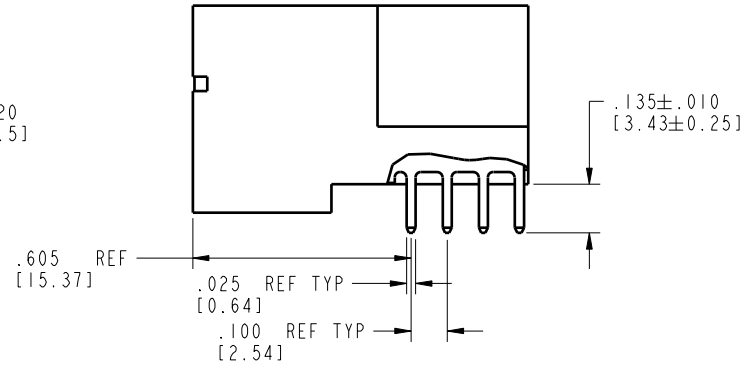
A

B

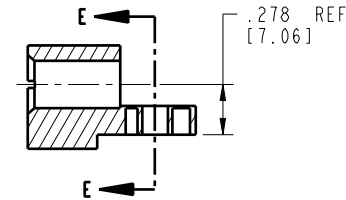
PRODUCT NUMBER
51939-173--
Note: (3)



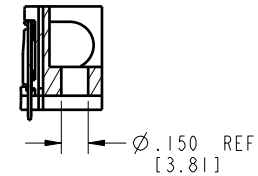
BROKEN-OUT SECTION A-A
SCALE 2:1



BROKEN-OUT SECTION B-B
SCALE 2:1



SECTION C-C



PARTIAL SECTION E-E

mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		A FCI	
lir	ecn no.	dr	date	linear	linear	linear	linear	projection	projection	title	www.fciconnect.com
B					.XX±.01/0.X±0.3	.XXX±.005/0.XX±0.13	.XXX±.0020/0.XXX±0.051	INCH/MM	INCH/MM	4ACP + 3P + 20S	
				angles	0°±2°	dr	SLUO 4/11/05	scale	scale	RIGHT ANGLE SOLDER HEADER	
				engr	SLUO 4/11/05	chr	VICTOR LIN 4/11/05	product family	product family	PwrBlade	code
				appd	JOSEPH HSIA 4/11/05	appd	JOSEPH HSIA 4/11/05	size	size	51939-173	213
sheet index	revision	sheet									sheet
											2 of 4

A

B

1 | 2

Pro/E

3 |

code code 22526

4

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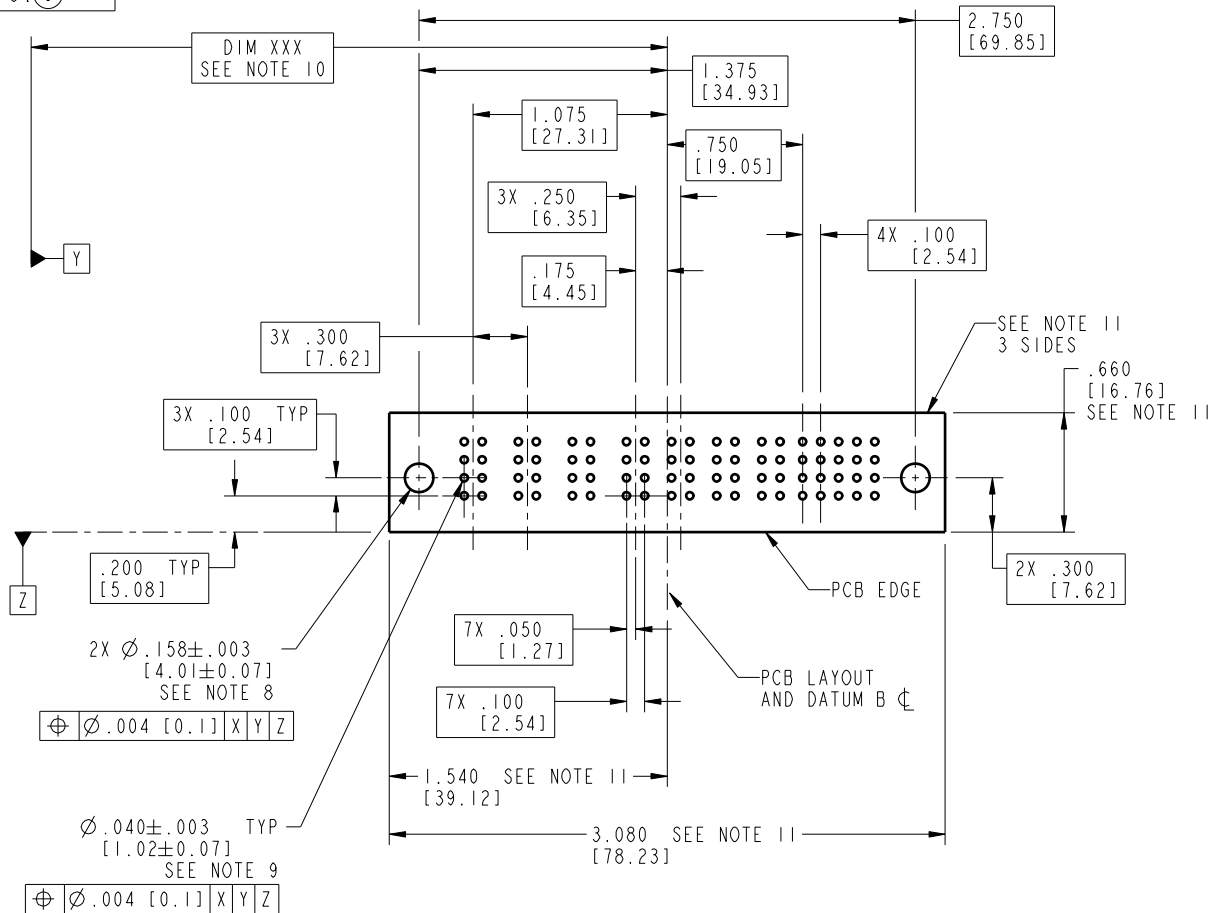
A FCI

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A

B

PRODUCT NUMBER
51939-173--
Note: (3)



RECOMMENDED PCB LAYOUT

mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		A FCI	
lir	ecn no.	dr	date	linear	angular	linear	angular	projection	INCH/MM	title	www.fciconnect.com
B						.XX±.01/0.X±0.3				4ACP + 3P + 20S	
						.XXX±.005/0.XX±0.13				RIGHT ANGLE SOLDER HEADER	
						.XXX±.002/0.XX±0.051				product family	PwrBlade
						SLUO	4/11/05			size	213
						SLUO	4/11/05			dwg no	51939-173
						VICTOR LIN	4/11/05			code	3 of 4
						JOSEPH HSIA	4/11/05			sheet	
sheet index	revision	sheet									

Pro/E

code code 22526

AFI

A

B

1 | 2

3

4

51939-173__

Note: (3)

1. DIMENSIONS AND TOLERANCES ARE IN ACCORDANCE WITH
ASME Y14.5M, 1994 UNLESS OTHERWISE SPECIFIED.

②. HOUSING MATERIAL: UL 94 V-0 GLASS FILLED
HIGH-TEMP THERMOPLASTIC
POWER CONTACT MATERIAL: COPPER ALLOY
SIGNAL PIN MATERIAL: COPPER ALLOY

3. PLATING:
51939-173; 51939-173LF; 51939-173GLF 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.

[illegible]

1	2
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Pro/E

3

coge code	22526
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4