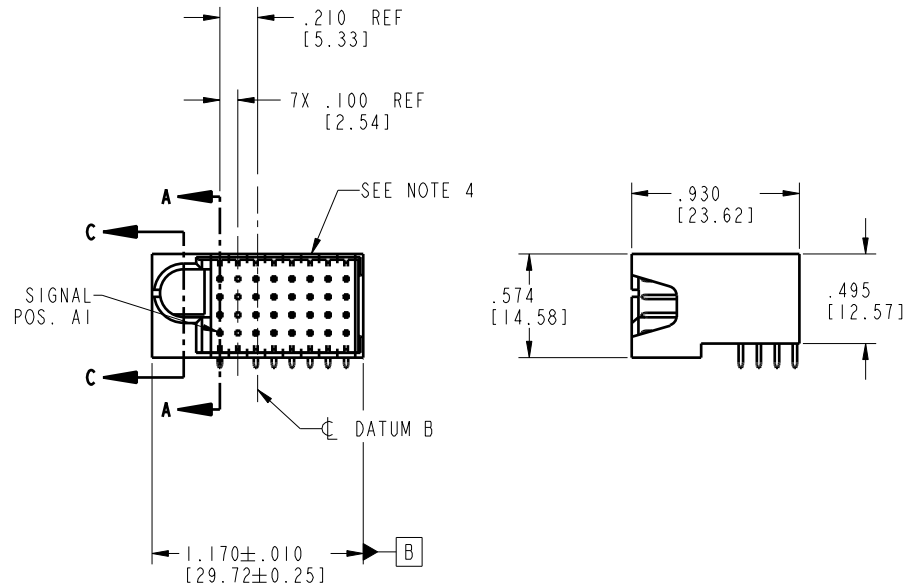
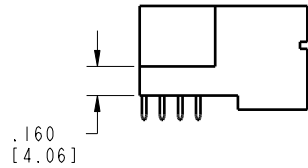


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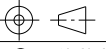
A
FCI

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PRODUCT NO.	ROWS	SIGNAL							
		E1	1	2	3	4	5	6	7
51939-154-- NOTE 3	D C B A		UU	XX	UU	HH	UU		
			TT	XX	TT	GG	TT		
			SS	XX	SS	FF	TT		
			RR	XX	RR	EE	TT		



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

mat'l code				tolerances unless otherwise specified		CUSTOMER		A FCI	
SEE NOTE 2						COPY		www.fciconnect.com	
lir	ecn no.	dr	date	linear	.XX±.01/0.X±0.3	projection		title	
A	DG05-0011	SW	01/17/05		.XXX±.005/0.XX±0.13			32S	
B	DG06-0013	RYAN	01/22/06		.XXX±.0020/0.XXX±0.051			RIGHT ANGLE SOLDER HEADER	
				angles	0°±2°	INCH/MM		product family	
				dr	STEVEN WANG 01/17/05			PwrBlade	
				engr	LH 01/17/05	scale		size	
				chr	VICTOR LIN 01/17/05			dwg no	
				appd	JOSEPH HSIA 01/17/05	1:1		A	
sheet index	revision	B	B	B	B				
	sheet	1	2	3	4				

code code 22526

Pro/E

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A FCI

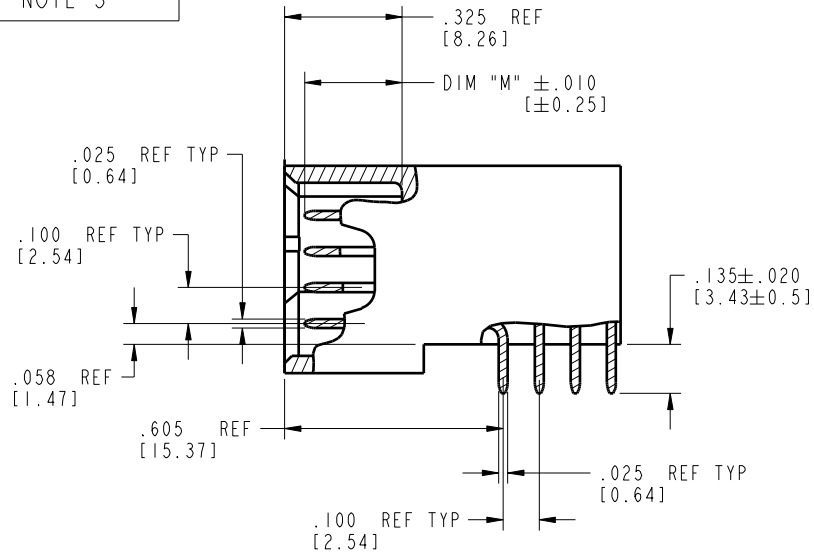
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A

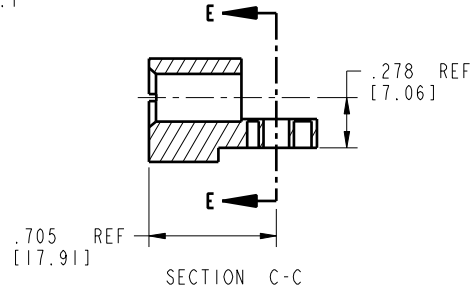
B

PRODUCT NUMBER

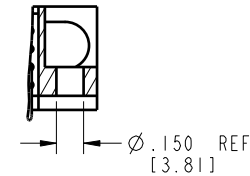
51939-154--
NOTE 3



BROKEN-OUT SECTION A-A
SCALE 2:1



SECTION C-C



PARTIAL SECTION E-E

mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		A FCI		www.fciconnect.com	
lir	ecn no.	dr	date	linear	linear	linear	linear	projection	projection	title	title	product family	code
B					.XX $\pm .01/0.X \pm 0.3$	.XXX $\pm .005/0.XX \pm 0.13$	.XXX $\pm .0020/0.XXX \pm 0.051$			32S	RIGHT ANGLE SOLDER HEADER	PwrBlade	213
				angles	$0^\circ \pm 2^\circ$			INCH/MM	scale	size	dwg no	sheet	2 of 4
				dr	STEVEN WANG	01/17/05				A	51939-154		
				engr	LH	01/17/05							
				chr	VICTOR LIN	01/17/05							
				appd	JOSEPH HSIA	01/17/05							
sheet index	revision	sheet											

Pro/E

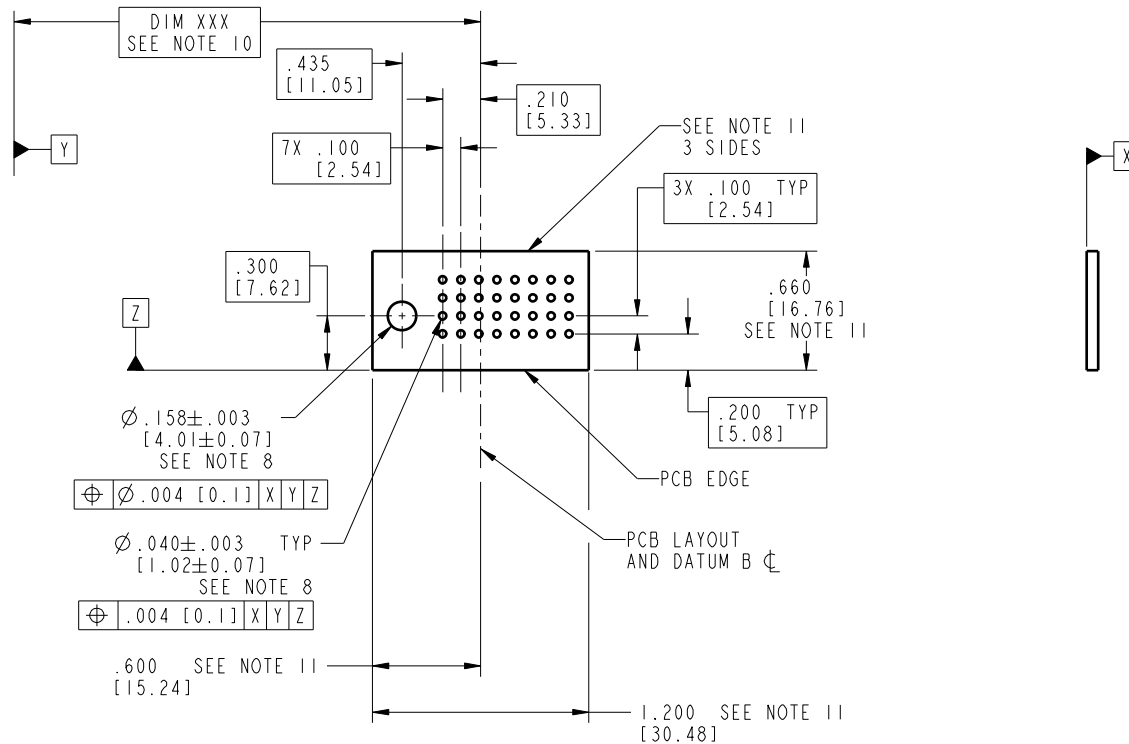
code code 22526

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PRODUCT NUMBER
51939-154__
NOTE 3



RECOMMENDED PCB LAYOUT

mat'l code				tolerances unless otherwise specified		CUSTOMER		A FCI		
lir	ecn no.	dr	date	linear	angular	projection	INCH/MM	product family	size	code
B				.XX±.01/0.X±0.3	0°±2°	RIGHT ANGLE	1:1	PwrBlade	A	213
				.XXX±.005/0.XX±0.13						
				.XXX±.002/0.XXX±0.051						
				dr STEVEN WANG 01/17/05						
				engr LH 01/17/05						
				chr VICTOR LIN 01/17/05						
				appd JOSEPH HSIA 01/17/05						
sheet index	revision	sheet								

code code 22526

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A

B

PRODUCT NUMBER

51939-154__
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. PLATING:
51939-154; 51939-154LF; 51939-154GLF 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 ± 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				tolerances unless otherwise specified		CUSTOMER		A FCI www.fciconnect.com			
lir	ecn no.	dr	date	linear	angular	projection	scale	title	product family	size	code
B				$.XX \pm .01 / 0.X \pm 0.3$	$.XXX \pm .005 / 0.XX \pm 0.13$		1:1	32S	PwrBlade	A	213
				$.XXX \pm .0020 / 0.XXX \pm 0.051$	$0^\circ \pm 2^\circ$			RIGHT ANGLE SOLDER HEADER			sheet
				dr STEVEN WANG 01/17/05	engr LH 01/17/05	INCH/MM					4 of 4
				chr VICTOR LIN 01/17/05	appd JOSEPH HSIA 01/17/05						
sheet index	revision	sheet									

A

B

1 | 2

3 |

4

1 | 2

Pro/E

3 |

code code 22526

4