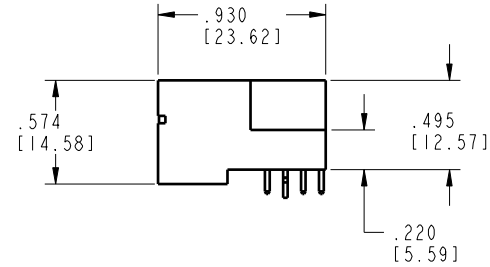
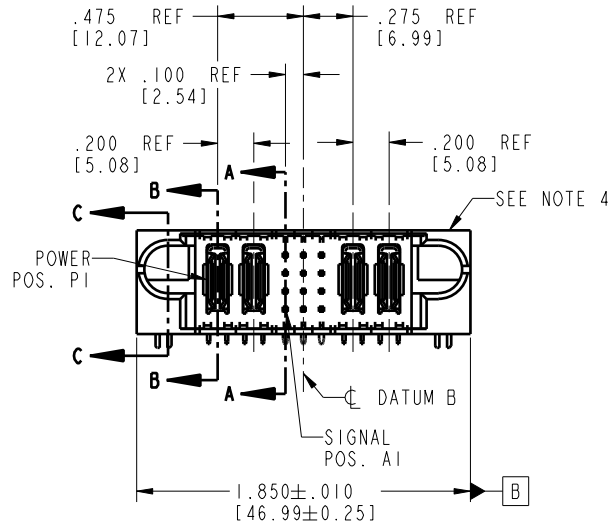


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PRODUCT NO.	ROWS		POWER			SIG			POWER		
		E1	P1	P2	1	2	3	P3	P4	E2	
51939-133-- NOTE 3	D C B A										
											



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
HA	N/A [N/A]	HOLD-DOWN

mat'l code				tolerances unless otherwise specified		CUSTOMER		A FCI		www.fciconnect.com	
lir	ecn no.	dr	date	linear	angular	COPY		projection		title	
A	V04-0776	TAB	07/28/04	.XX±.01/0.X±0.3	0°±2°					2P + 12S + 2P	
B	DG06-0013	RYAN	01/12/06	.XXX±.005/0.XX±0.13						RIGHT ANGLE SOLDER HEADER	
				.XXX±.0020/0.XXX±0.051						product family PwrBlade	
						INCH/MM		size		code	
						scale 1:1		A		213	
								dwg no		sheet	
								51939-133		1 of 4	
sheet index	revision	B	B	B	B						
	sheet	1	2	3	4						

Pro/E

code code 22526

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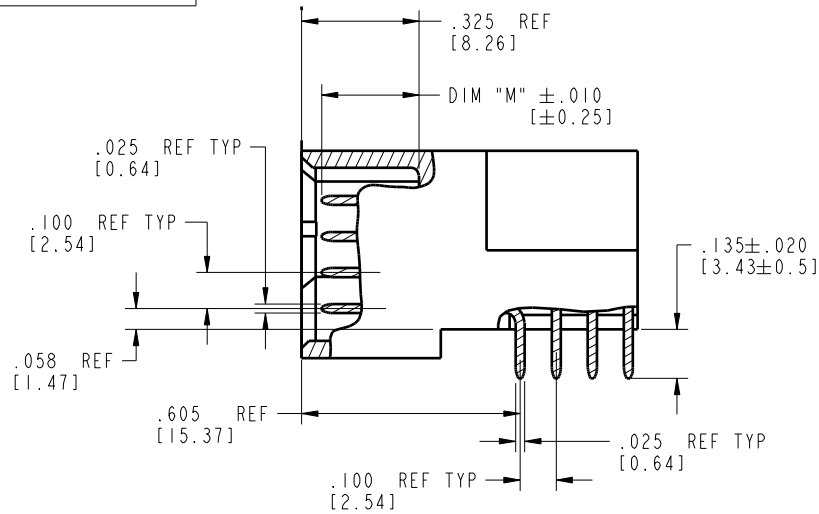
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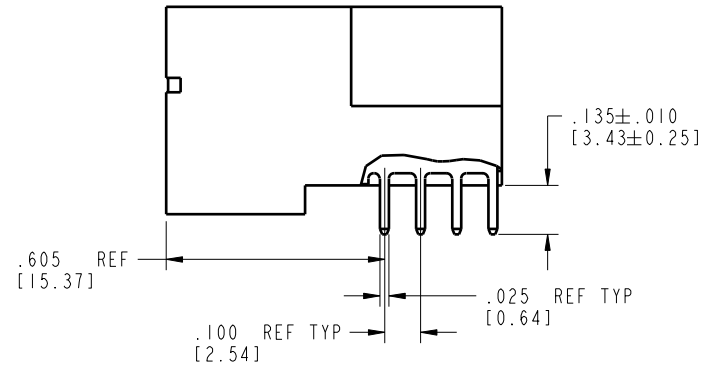
B

PRODUCT NUMBER

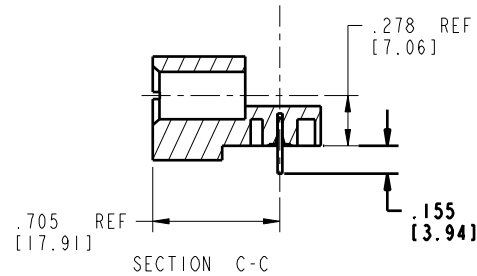
51939-133--
NOTE 3



BROKEN-OUT SECTION A-A
SCALE 2:1



BROKEN-OUT SECTION B-B
SCALE 2:1



SECTION C-C

mat'l code				tolerances unless otherwise specified		CUSTOMER	
lir	ecn no.	dr	date	linear	XXX±.01/0.X±0.3	COPY	A FCI
B				linear	XXX±.005/0.XX±0.13	projection	www.fciconnect.com
				linear	XXX±.0020/0.XXX±0.051	projection	title 2P + 12S + 2P
				angles	0°±2°	projection	RIGHT ANGLE SOLDER HEADER
				dr	T. BRUNGARD 07/28/04	INCH/MM	product family PwrBlade
				engr	M. GRAY 07/28/04	scale 1:1	size
				chr	M. GRAY 07/28/04		dwg no
				appd	M. GRAY 07/28/04		51939-133
sheet index	revision	sheet					code
							213
							sheet 2 of 4

A

B

Pro/E

3

code code 22526

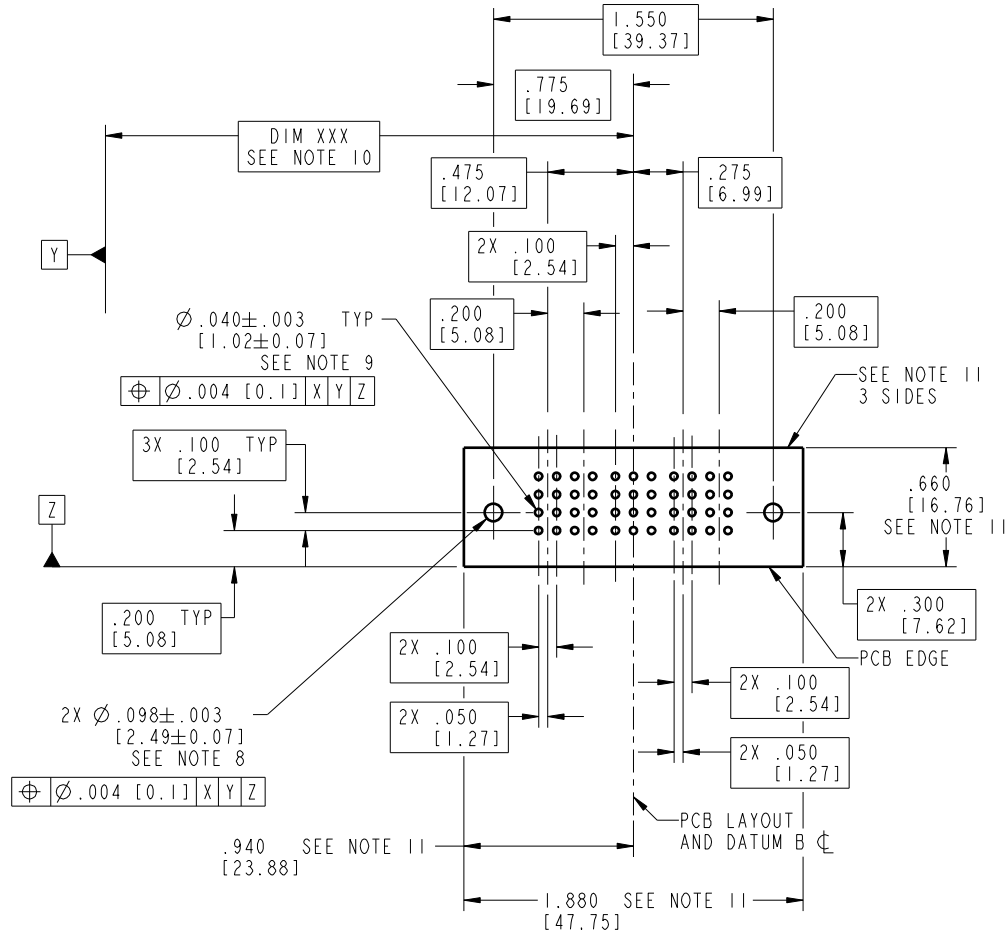
4

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PRODUCT NUMBER
51939-133--
NOTE 3



RECOMMENDED PCB LAYOUT

mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		A FCI		www.fciconnect.com	
lir	ecn no.	dr	date			linear		COPY		projection		title	
B						.XXX±.01/0.X±0.3						2P + 12S + 2P	
						.XXX±.005/0.XX±0.13						RIGHT ANGLE SOLDER HEADER	
						.XXX±.002/0.XXX±0.051						product family	PwrBlade
						angles	0°±2°					code	213
						dr	T. BRUNGARD 07/28/04					size	dwg no
						engr	M. GRAY 07/28/04					51939-133	sheet
						chr	M. GRAY 07/28/04					3 of 4	
						appd	M. GRAY 07/28/04						
sheet index	revision	sheet											

Pro/E

code code 22526

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A

B

PRODUCT NUMBER

51939-133--
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:
51939-133; 51939-133LF; 51939-133GLF 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				tolerances unless otherwise specified		CUSTOMER		A FCI		www.fciconnect.com	
lir	ecn no.	dr	date	linear	angular	projection	scale	title	product family	code	sheet
B				$.XX \pm .01 / 0.X \pm 0.3$	$.XXX \pm .005 / 0.XX \pm 0.13$		1:1	2P + 12S + 2P	PwrBlade	213	4 of 4
				$.XXX \pm .0020 / 0.XXX \pm 0.051$	$0^\circ \pm 2^\circ$			RIGHT ANGLE SOLDER HEADER			
				dr	T. BRUNGARD 07/28/04	INCH/MM		size	dwg no		
				engr	M. GRAY 07/28/04			A	51939-133		
				chr	M. GRAY 07/28/04						
				appd	M. GRAY 07/28/04						
sheet index	revision	sheet									

A

B

1 | 2

3 |

4

1 | 2

Pro/E

3 |

code code 22526

4