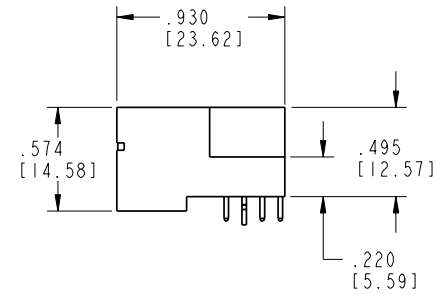
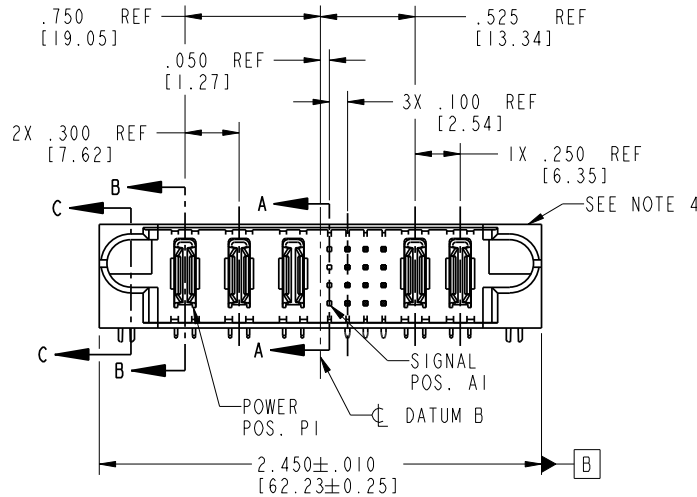
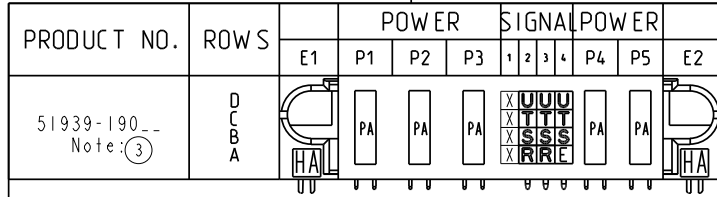


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A
FCI

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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
E	.220 [5.59]	SIGNAL
PA	N/A [N/A]	POWER
HA	N/A [N/A]	HOLD-DOWN
X	OMITTED	OMITTED

mat'l code				tolerances unless otherwise specified		CUSTOMER	
lir	ecn no.	dr	date	linear		COPY	
A	DG05-0120	GuoJM	05/22/05		.XX±.01/0.X±0.3	projection	title
B	DG06-0001	RYAN	01/05/06		.XXX±.005/0.XX±0.13		3ACP+16S+2P
				angles	.XXX±.0020/0.XXX±0.051		RIGHT ANGLE STB HEADER
				dr	JM Guo 05/22/05	INCH/MM	product family
				enrg	SLUO 05/22/05	scale	PwrBlade
				chr	VICTOR LIN 05/22/05	1:1	code
				appd	JOSEPH HSIA 05/22/05		213
sheet index	revision	B	B	B	B		sheet
	sheet	1	2	3	4		1 of 4

Pro/E

code code 22526

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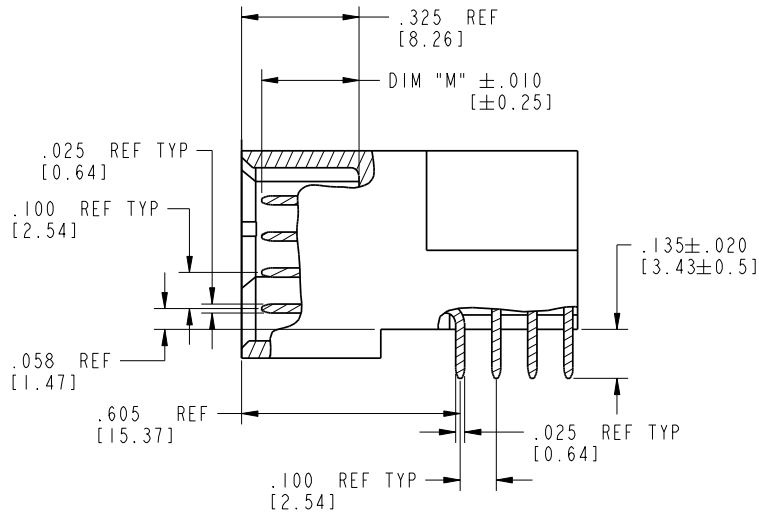
A FCI

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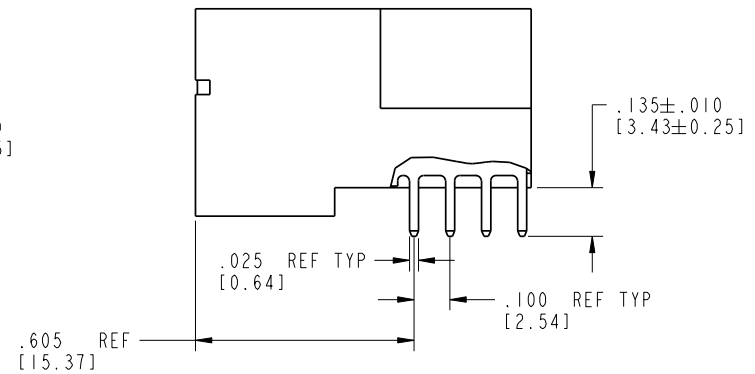
A

B

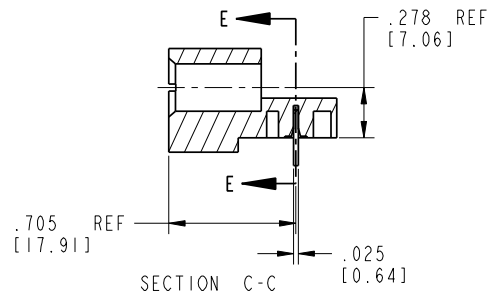
PRODUCT NUMBER
51939-190--
Note: (3)



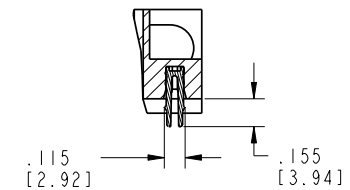
BROKEN-OUT SECTION A-A
SCALE 2:1



BROKEN-OUT SECTION B-B
SCALE 2:1



SECTION C-C



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±.01/0.X±0.3	.XXX±.005/0.XX±0.13	.XXX±.0020/0.XXX±0.051	0°±2°	0°±2°	3ACP+16S+2P	RIGHT ANGLE STB HEADER	PwrBlade	213
				dr	JM Guo	05/22/05	SLUO	05/22/05	INCH/MM	product family	PwrBlade	code	213
				enr	VICTOR LIN	05/22/05	JOSEPH HSIA	05/22/05	scale	size	dwg no	sheet	2 of 4
				appd					1:1	A	51939-190	2 of 4	
sheet index	revision	sheet											

A

B

1 | 2

Pro/E

3 |

code code 22526

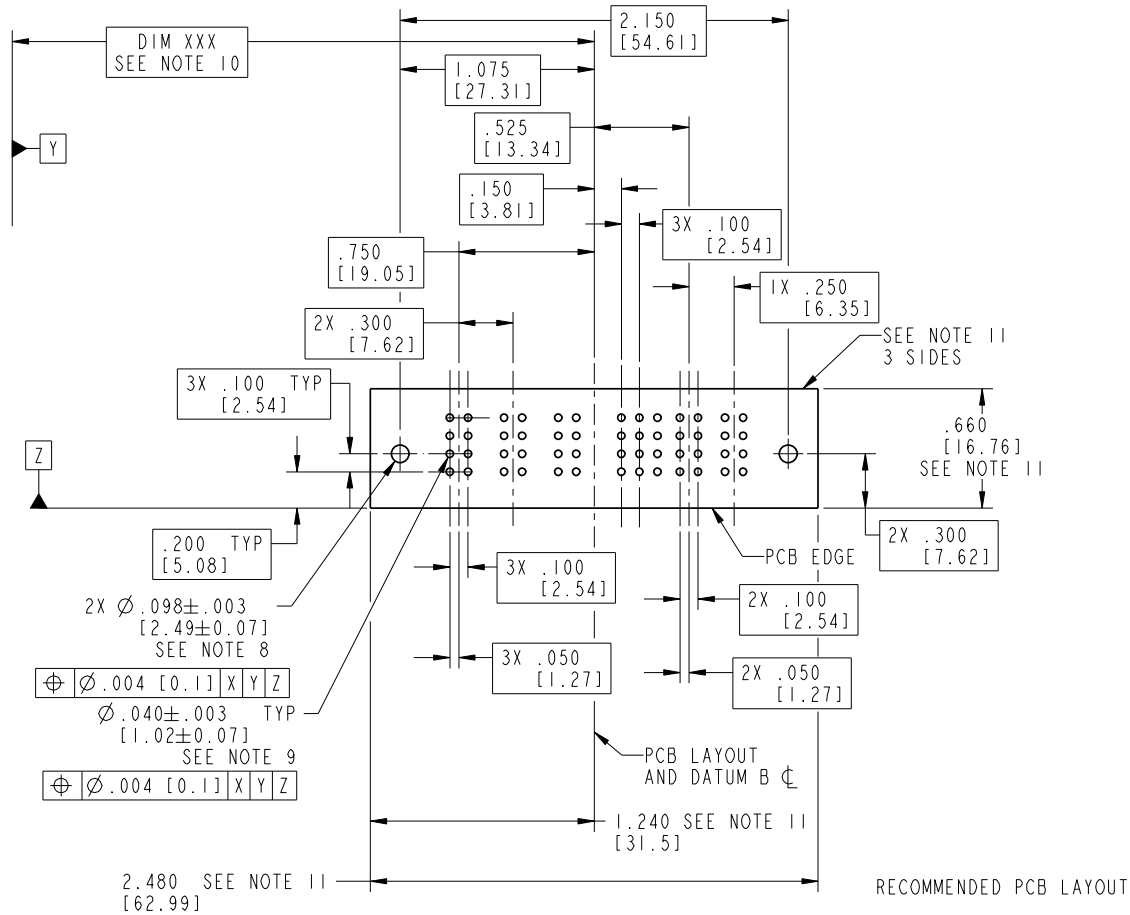
4

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PRODUCT NUMBER
51939-190--
Note: (3)



mat'l code				tolerances unless otherwise specified		CUSTOMER		A FCI	
lir	ecn no.	dr	date	linear	.XX±.01/0.X±0.3	COPY		www.fciconnect.com	
B				linear	.XXX±.005/0.XX±0.13	projection		title	3ACP+16S+2P
				linear	.XXX±.002/0.XXX±0.051				RIGHT ANGLE STB HEADER
				angles	0°±2°			product family	PwrBlade
				dr	JM Guo 05/22/05	INCH/MM		size	213
				enrg	SLUO 05/22/05	scale		dwg no	51939-190
				chr	VICTOR LIN 05/22/05	1:1			sheet
				appd	JOSEPH HSIA 05/22/05				3 of 4
sheet index	revision	sheet							

Pro/E

cage code 22526

PRODUCT NUMBER
51939-190--
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:

51939-190: SIGNAL PIN: 30u"/0.76um Au OVER 50u"/1.27um Ni ON THE CONTACT AREA
AND 100u"/2.54um SnPb OVER 50u"/1.27um Ni ON THE TERMINATION AREA
POWER PIN: 30u"/0.76um Au OVER 50u"/1.27um Ni ON THE CONTACT AREA
AND 100u"/2.54um SnPb OVER 50u"/1.27um Ni ON THE TERMINATION AREA

51939-190LF: SIGNAL PIN: 30u"/0.76um Au OVER 50u"/1.27um Ni ON THE CONTACT AREA
AND 78u"/2.00um Sn OVER 50u"/1.27um Ni ON THE TERMINATION AREA
POWER PIN: 30u"/0.76um Au OVER 50u"/1.27um Ni ON THE CONTACT AREA
AND 78u"/2.00um Sn OVER 50u"/1.27um Ni ON THE TERMINATION AREA

PART NUMBER 51939-190LF MEETS EUROPEAN UNION DIRECTIVE AND OTHER COUNTRY REGULATIONS AS DECCRIDED IN GS-22-008.

THE HOUSING WILL WITHSTAND EXPOSURE TO 260° PEAK TEMPERATURE FOR 10 SECONDS IN A WAVE SOLDER APPLICATION WITH A CIRCUIT BOARD.

(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	
lir	ecr no.	dr	date	linear	.XX $\pm$.01/0.X $\pm$ 0.3	COPY		www.fciconnect.com	
B				linear	.XXX $\pm$.005/0.XX $\pm$ 0.13	projection		title	
				angles	.XXX $\pm$.0020/0.XXX $\pm$ 0.051			3ACP+16S+2P	
				dr	JM Guo 05/22/05			RIGHT ANGLE STB HEADER	
				enrg	SLUO 05/22/05	INCH/MM		product family	
				chr	VICTOR LIN 05/22/05	scale		PwrBlade	
				appd	JOSEPH HSIA 05/22/05	1:1		code	
sheet index	revision	sheet						size	213
								dwg no	sheet
								51939-190	4 of 4

Pro/E	3	cage code	22526	4
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