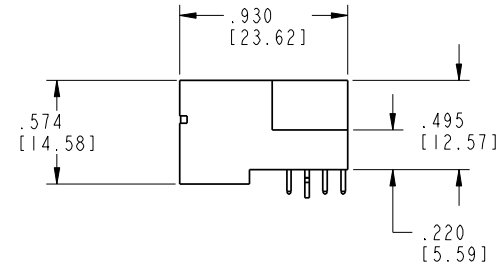
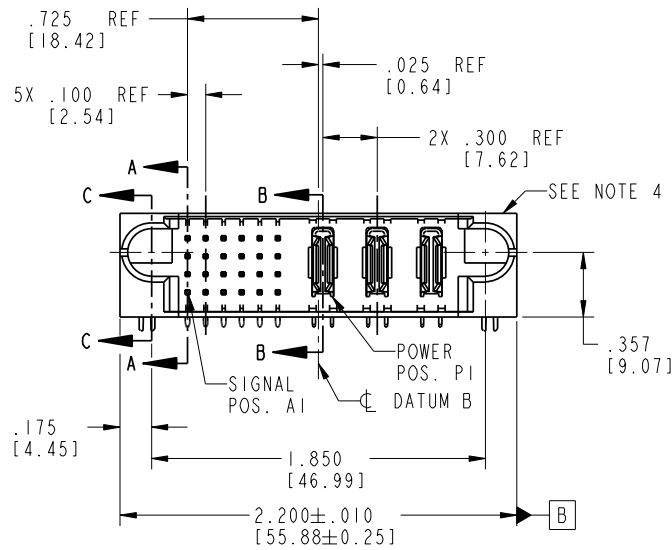


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A
FCI

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PRODUCT NO.	ROWS		SIGNAL						POWER			
		E1	1	2	3	4	5	6	P1	P2	P3	E2
51939-192-- Note: ③	D C B A		UUUUUUU	TTTTTTTT	SSSSSSSS	RRRRRRR			PA	PA	PA	
			UUUUUUU	TTTTTTTT	SSSSSSSS	RRRRRRR			PA	PA	PA	



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

mat'l code				tolerances unless otherwise specified		CUSTOMER		A FCI	
SEE NOTE 2						COPY		www.fciconnect.com	
lir	ecm no.	dr	date	linear	.XX±.01/0.X±0.3	projection 		title 24S+3ACP RIGHT ANGLE STB HEADER	
A	DG05-0122	GUOJM	5/23/05		.XXX±.005/0.XX±0.13				
B	DG05-0179	GUOJM	06/21/05		.XXX±.0020/0.XXX±0.051				
C	DG06-0001	RYAN	01/06/06	angles	0°±2°	INCH/MM scale 1:1		product family PwrBlade code 213 sheet 1 of 4	
				dr	SLUO 5/21/05				
				enrg	SLUO 5/21/05				
				chr	VICTOR LIN 5/21/05				
				appd	JOSEPH HSIA 5/21/05	size A 51939-192		cage code 22526	
sheet index	revision	C	C	C	C				
	sheet	1	2	3	4				

Pro/E

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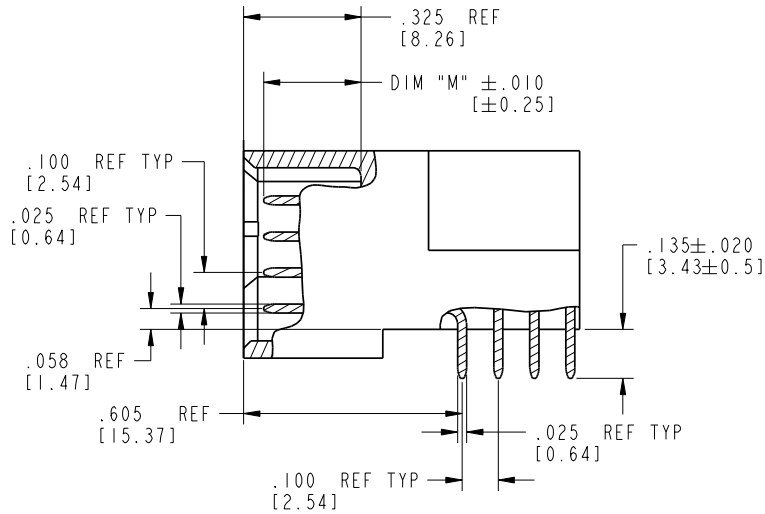
A FCI

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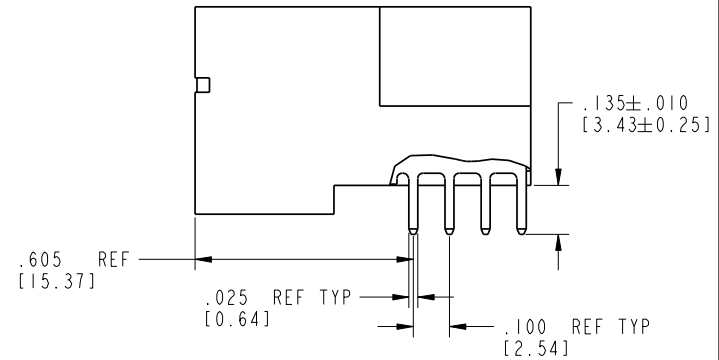
A

B

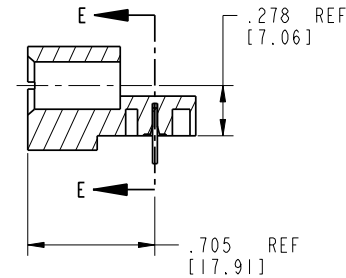
PRODUCT NUMBER
51939-192--
Note: (3)



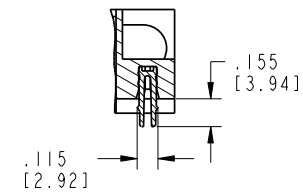
BROKEN-OUT SECTION A-A
SCALE 2:1



BROKEN-OUT SECTION B-B
SCALE 2:1



SECTION C-C



SECTION E-E

mat'l code				tolerances unless otherwise specified		CUSTOMER		A FCI	
lir	ecr no.	dr	date	linear	.XX±.01/0.X±0.3	COPY	projection	title	www.fciconnect.com
C					.XXX±.005/0.XX±0.13			24S+3ACP	
				angles	.XXX±.0020/0.XXX±0.051			RIGHT ANGLE STB HEADER	
				dr	SLUO 5/21/05	INCH/MM		product family	PwrBlade
				enrg	SLUO 5/21/05	scale		size	213
				chr	VICTOR LIN 5/21/05	1:1		dwg no	51939-192
				appd	JOSEPH HSIA 5/21/05			sheet	2 of 4
sheet index	revision sheet								

Pro/E

code code 22526

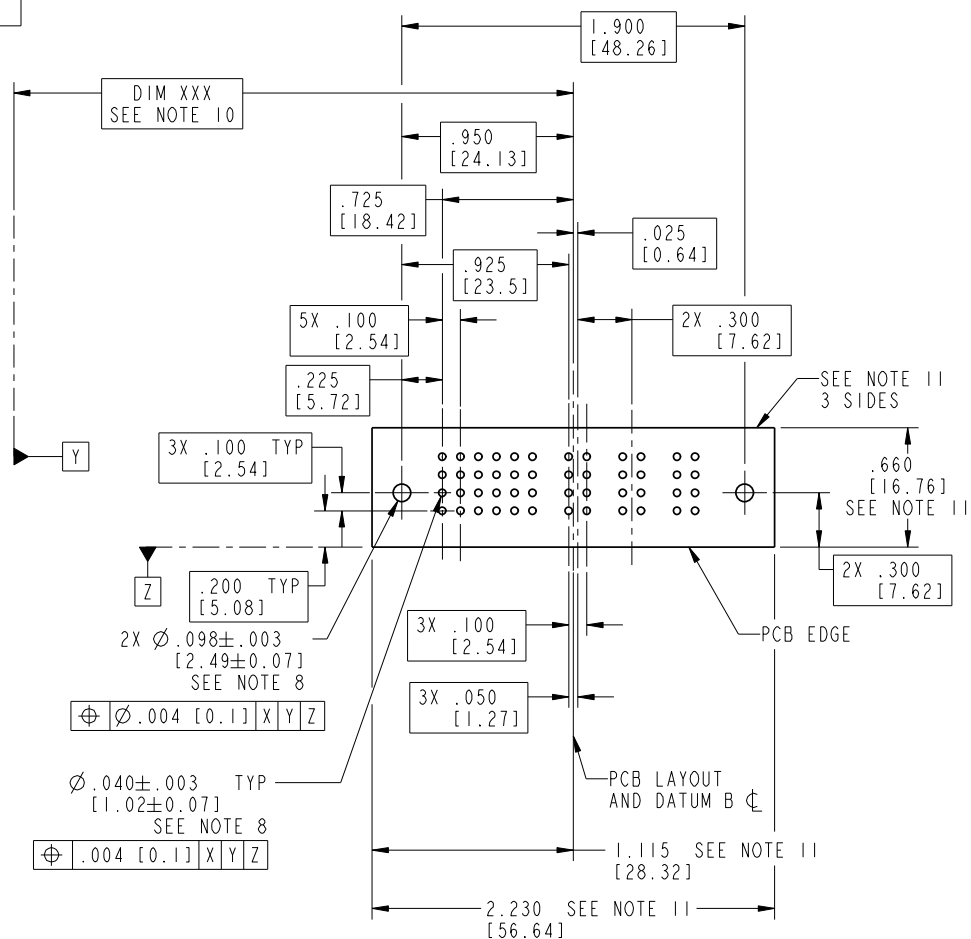
A

B

AFI

A

B



RECOMMENDED PCB LAYOUT

[illegible]

coge code	22526
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A

B

1 | 2

3 |

4

PRODUCT NUMBER

51939-192--

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:

51939-192: 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

51939-192LF: 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 51939-192LF 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				SEE NOTE 2			tolerances unless otherwise specified			CUSTOMER		A FCI www.fciconnect.com			
lfr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3			projection 	title 24S+3ACP RIGHT ANGLE STB HEADER						
C					.XXX±.005/0.XX±0.13										
					.XXXX±.0020/0.XXX±0.051										
				angles	0°±2°			INCH/MM scale 1:1	product family		PwrBlade		code		
				dr	SLUO	5/21/05	size		dwg no	213					
				enrg	SLUO	5/21/05	A		51939-192	sheet					
				chr	VICTOR LIN	5/21/05				4 of 4					
				appd	JOSEPH HSIA	5/21/05									
sheet index		revision sheet													

1 | 2

Pro/E

3 |

code code 22526

4

A

B