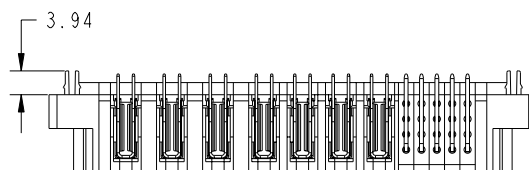
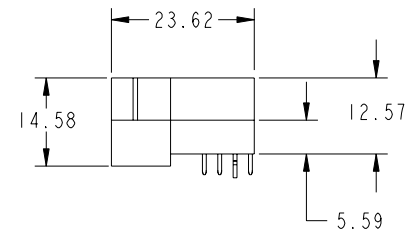
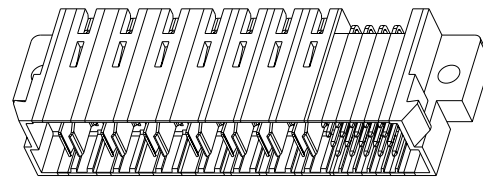
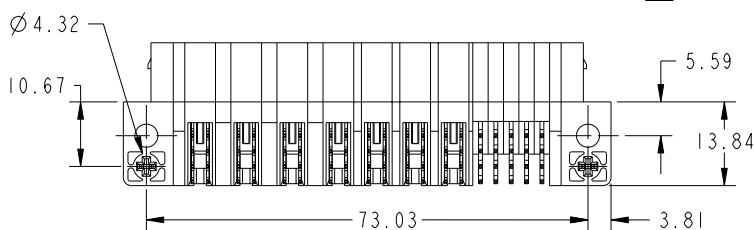
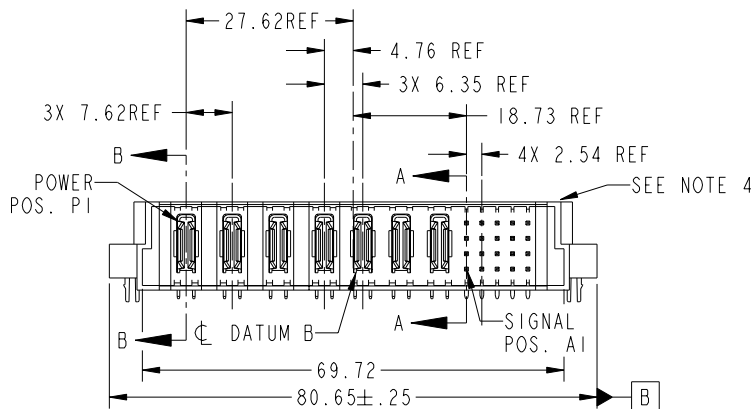
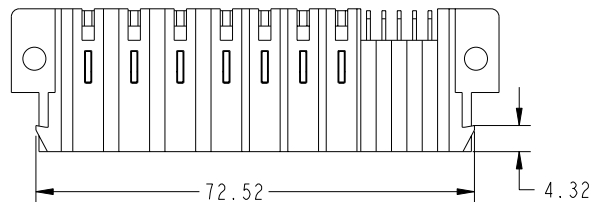


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PRODUCT NO.	ROWS	POWER						SIGNAL						
		E1	P1	P2	P3	P4	P5	P6	P7	1	2	3	4	5
51939-247-- NOTE 3	D C B A		PA	PA	PA	PA	PA	PA	PA	UUUUU	TTTTT	SSSSS	RRRRR	



CODE	DIM "M" MATING LENGTH	CONTACT TYPE
U	[6.86]	SIGNAL
T	[6.86]	SIGNAL
S	[6.86]	SIGNAL
R	[6.86]	SIGNAL
PA	[N/A]	POWER
HA	[N/A]	HOLD-DOWN

mat'l code				SEE NOTE		tolerances unless otherwise specified		CUSTOMER		FCI www.fciconnect.com	
ltr	ecn no.	dr	date	linear	0.X ± 0.3	projection	COPY		title		
A	DG06-0566	SW	08/14/06	angles	0.XX ± 0.13		MM		4ACP + 3P + 20S RIGHT ANGLE SOLDER HEADER		
				dr	0.XXX ± 0.051		STEVEN WANG 08/14/06		product family		code
				engr	0° ± 2°	1:1	STEVEN WANG 08/14/06		PwrBlade		213
				chr			BEER FU 08/14/06		size		sheet
				appd			JOSEPH HSIA 08/14/06		dwg no		1 of 4
sheet index		revision sheet	A 1	A 2	A 3	A 4			A 51939-247		
									cage code		22526

Pro/E

cage code 22526

PDM: Rev:A

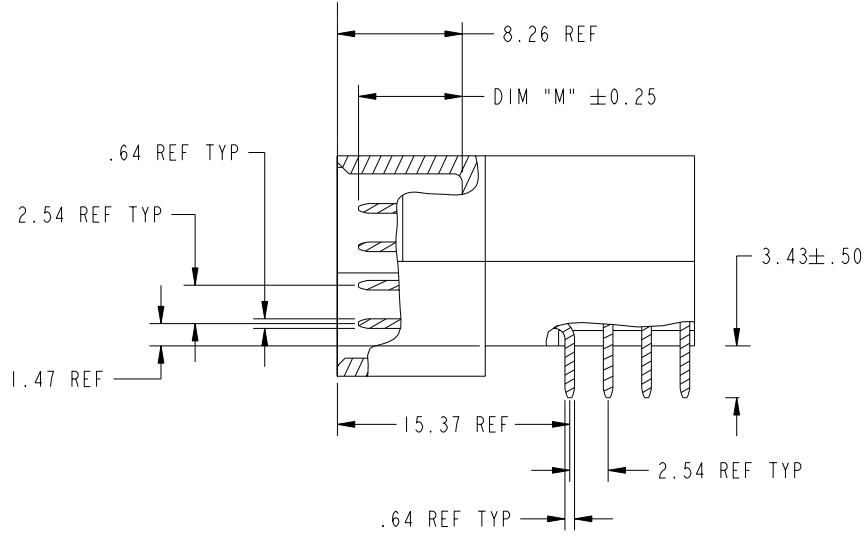
STATUS: Released

Printed: Dec 20, 2010

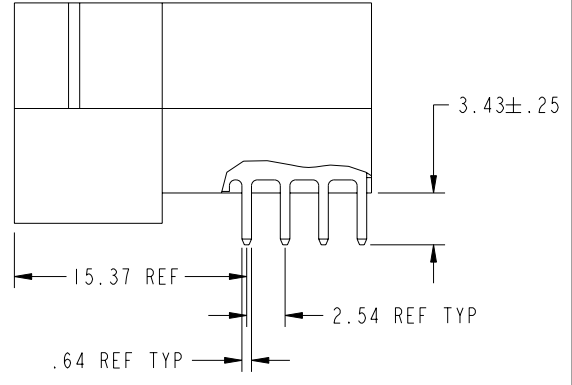
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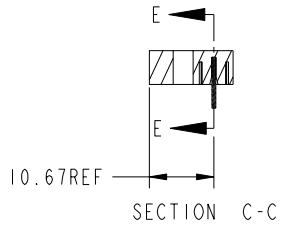
PRODUCT NUMBER
51939-247__
NOTE: 3



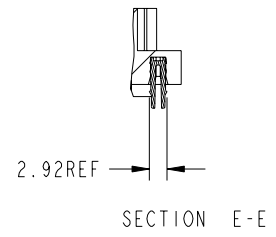
BROKEN-OUT SECTION A-A
SCALE 2:1



BROKEN-OUT SECTION B-B
SCALE 2:1



SECTION C-C



SECTION E-E

mat'l code				SEE NOTE		tolerances unless otherwise specified		CUSTOMER		FCJ www.fciconnect.com	
ltr	ecr no.	dr	date	linear	0.X ±0.3	projection		COPY		title	
A				angles	0.XX ±0.13					4ACP + 3P + 20S RIGHT ANGLE SOLDER HEADER	
				dr	0.XXX ±0.051			product family		code	
				enr	0° ±2°	MM		PwrBlade		213	
				chr	STEVEN WANG 08/14/06	1:1		size		sheet	
				appd	STEVEN WANG 08/14/06			A		2 of 4	
					BEER FU 08/14/06			51939-247			
					JOSEPH HSIA 08/14/06						
sheet index	revision sheet										

cage code 22526

Pro/E

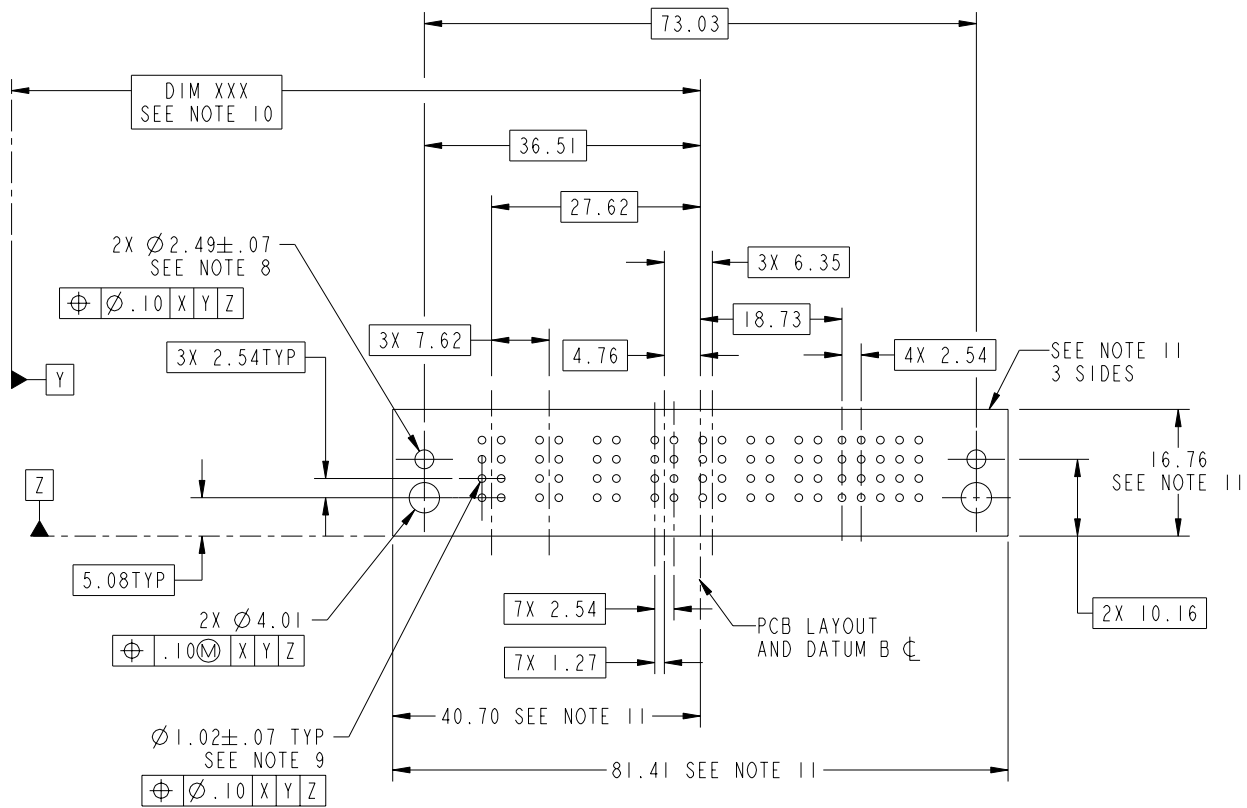
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PRODUCT NUMBER

51939-247__
NOTE: 3



RECOMMENDED PCB LAYOUT

mat'l code				SEE NOTE		tolerances unless otherwise specified		CUSTOMER		FCI www.fciconnect.com	
ltr	ecn no.	dr	date	linear		0.X ± 0.3	COPY		title		
A						0.XX ± 0.13	projection		4ACP + 3P + 20S RIGHT ANGLE SOLDER HEADER		
				angles		0.XXX ± 0.051			product family		
					dr	0° ± 2°			PwrBlade		code
					enr	STEVEN WANG 08/14/06	MM		size	dwg no	213
					chr	STEVEN WANG 08/14/06	1:1		A	51939-247	sheet
					appd	BEER FU 08/14/06					3 of 4
						JOSEPH HSIA 08/14/06					
sheet index	revision sheet										



www.fciconnect.com

product family PwrBlade
size A
dwg no 51939-247

code 213
sheet 3 of 4

cage code 22526

Pro/E

PDM: Rev:A

STATUS: Released

Printed: Dec 20, 2010

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PRODUCT NUMBER

51939-247__
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. 51939-247;51939-247LF;51939-247GLF PLATING SPEC. 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. $\varnothing 1.151 \pm 0.025$ DRILLED HOLES PLATED WITH
0.008 MIN SnPb OVER 0.03
TO 0.08 Cu PLATING TO ACHIEVE
 $\varnothing 1.02 \pm .07$ HOLE.
 - 10. "DIM XXX" TO BE DETERMINED BY THE CUSTOMER.
 - 11. CONNECTOR KEEP-OUT ZONE.

mat'l code				SEE NOTE		tolerances unless otherwise specified		CUSTOMER		www.fciconnect.com	
ltr	ecr no.	dr	date	linear	0.X ± 0.3	COPY				title 4ACP + 3P + 20S RIGHT ANGLE SOLDER HEADER	
A					0.XX ± 0.13	projection					
				angles	0.XXX ± 0.051			product family PwrBlade		code 213	
				dr	0° ± 2°						
				dr	STEVEN WANG 08/14/06	scale 1:1		size A		dwg no 51939-247	
				enr	STEVEN WANG 08/14/06						
				chr	BEER FU 08/14/06	sheet 4 of 4					
				appd	JOSEPH HSIA 08/14/06						
sheet index	revision sheet										

3

4

1 | 2

A

A

B

B

1 | 2

Pro/E

3

cage code 22526

4