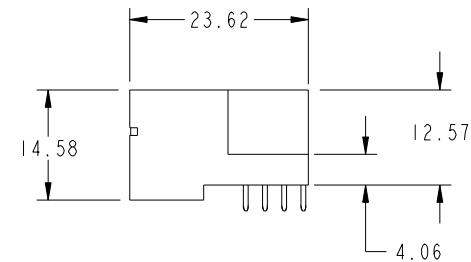
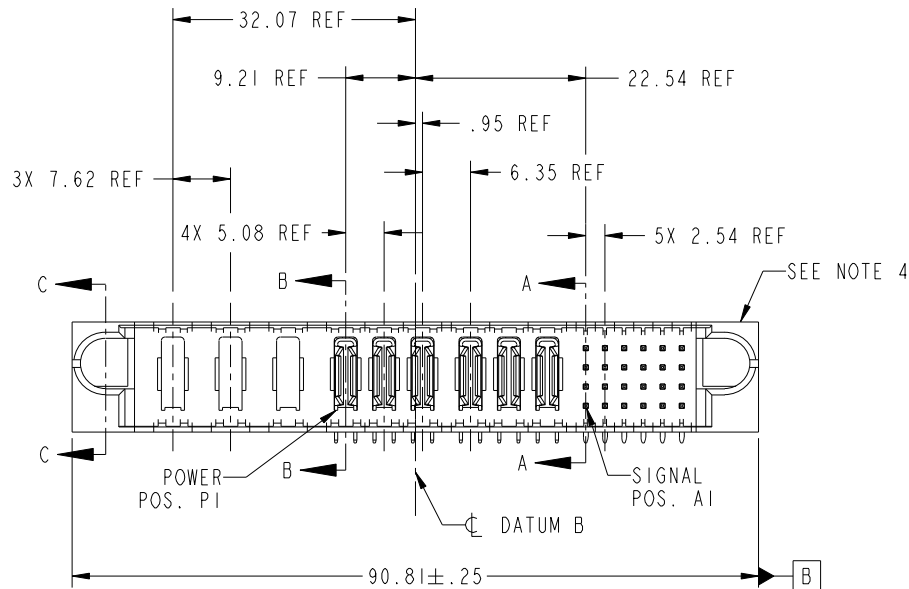




PRODUCT NO.	ROWS		POWER									SIGNAL						
		E1	P1	P2	P3	P4	P5	P6	P7	P8	P9	1	2	3	4	5	6	E2
51939-248-- NOTE: 3	D C B A																	



CODE	DIM "M" MATING LENGTH	CONTACT TYPE
E	[5.59]	SIGNAL
F	[5.59]	SIGNAL
G	[5.59]	SIGNAL
H	[5.59]	SIGNAL
R	[6.86]	SIGNAL
S	[6.86]	SIGNAL
T	[6.86]	SIGNAL
U	[6.86]	SIGNAL
PA	[N/A]	POWER
X	OMITTED	OMITTED

mat'l code				SEE NOTE		tolerances unless otherwise specified		CUSTOMER	
ltr	ecn no.	dr	date	linear	0.X ±0.3 0.XX ±0.13 0.XXX ±0.051	angles 0° ±2°	dr JULIA WANG 08/14/06 enrg SALLY LUO 08/14/06 chr BEER FU 08/14/06 appd JOSEPH HSIA 08/14/06	COPY projection MM scale 1:1	title 9P + 24S RIGHT ANGLE SOLDER HEADER
A	DG06-0338	JULIA	08/14/06						
sheet index	revision sheet	A 1	A 2	A 3	A 4				

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product family PwrBlade
size A
dwg no 51939-248

code 213
sheet 1 of 4

STAT: Released

Printed: Dec 20, 2010

Pro/E

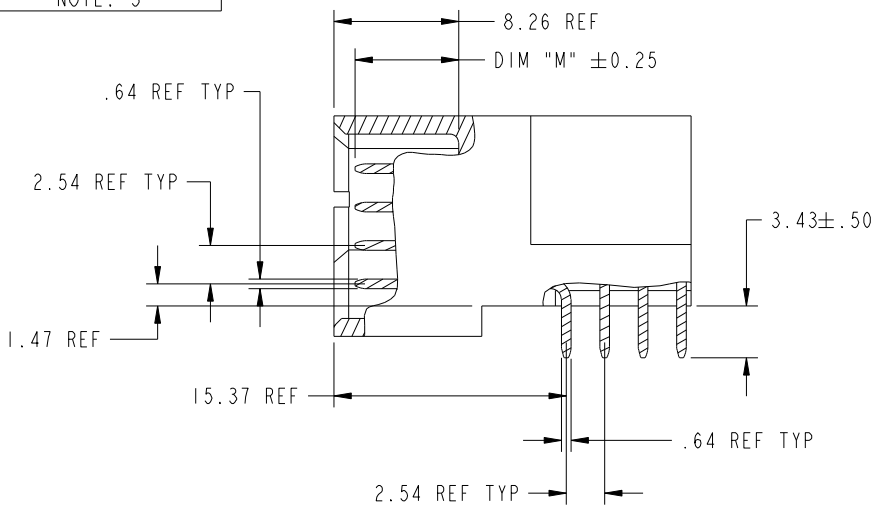
PDM: Rev: A

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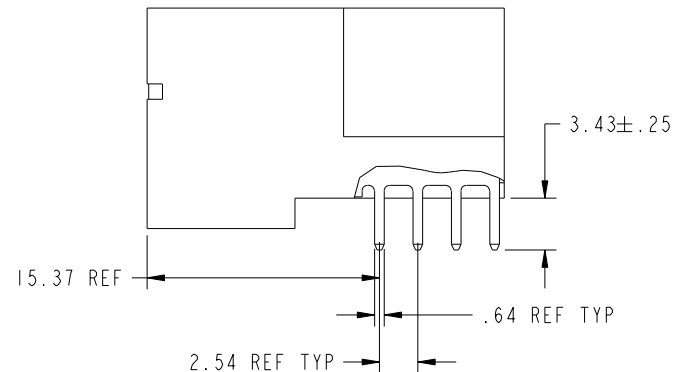
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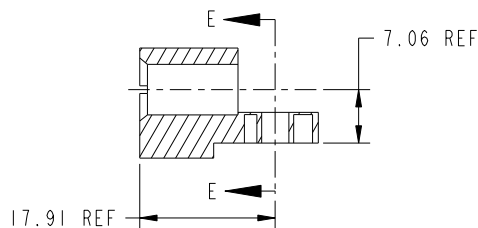
PRODUCT NUMBER
51939-248--
NOTE: 3



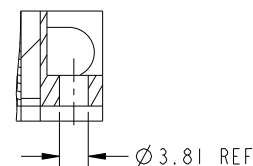
BROKEN-OUT SECTION A-A
SCALE 2:1



BROKEN-OUT SECTION B-B
SCALE 2:1

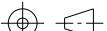


SECTION C-C



PARTIAL SECTION E-E

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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 9P + 24S RIGHT ANGLE SOLDER HEADER		
A					0.XX ±0.13			projection 				
					angles	0.XXX ±0.051						
				0° ±2°								
				dr	JULIA WANG	08/14/06	MM scale 1:1		product family		PwrBlade	code
				engr	SALLY LUO	08/14/06			size	dwg no	213	
				chr	BEER FU	08/14/06	A		51939-248		sheet	2 of 4
				appd	JOSEPH HSIA	08/14/06			2			
sheet index		revision sheet										

cage code 22506

Pro/E

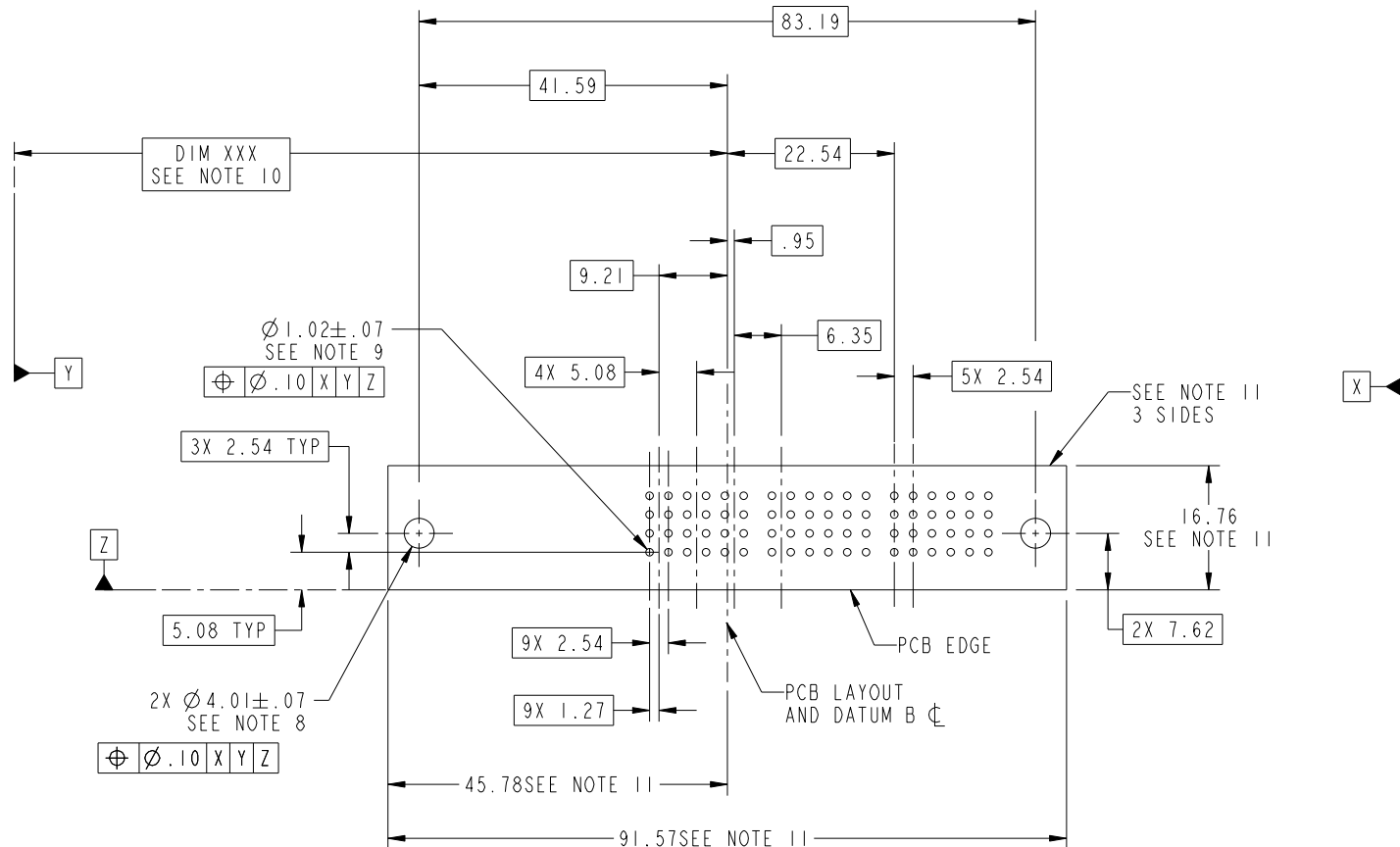
PDM: Rev: A

STATUS: Released

Printed: Dec 20, 2010



PRODUCT NUMBER
51939-248--
NOTE: 3



RECOMMENDED PCB LAYOUT

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mat'l code				SEE NOTE		tolerances unless otherwise specified		CUSTOMER		FCI	
lfr	ecn no.	dr	date	linear		0.X ± 0.3		COPY		www.fciconnect.com	
A						0.XX ± 0.13		projection		title	
						0.XXX ± 0.051				9P + 24S RIGHT ANGLE SOLDER HEADER	
				angles		0° ± 2°				product family	
				dr	JULIA WANG	08/14/06		PwrBlade		code	
				enrg	SALLY LUO	08/14/06		size		213	
				chr	BEER FU	08/14/06		dwg no		sheet	
				appd	JOSEPH HSIA	08/14/06		A		3 of 4	
sheet index	revision sheet							scale	1:1	51939-248	

cage code 22506

Pro/E

PDM: Rev: A

STATUS: Released

Printed: Dec 20, 2010



1 | 2

3

4

PRODUCT NUMBER

51939-248--
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. 51939-248;51939-248LF;51939-248GLF 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.

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mat'l code				SEE NOTE		tolerances unless otherwise specified		CUSTOMER		FCI			
ltr	ecn no.	dr	date					COPY		www.fciconnect.com			
A				linear		$0.X \pm 0.3$		projection		title			
						$0.XX \pm 0.13$				9P + 24S			
						$0.XXX \pm 0.051$				RIGHT ANGLE SOLDER HEADER			
				angles		$0^\circ \pm 2^\circ$							
				dr	JULIA WANG	08/14/06		MM		product family		PwrBlade	code
				enrg	SALLY LUO	08/14/06				size	dwg no		213
				chr	BEER FU	08/14/06		scale		A		51939-248	sheet
				appd	JOSEPH HSIA	08/14/06		1:1					4 of 4
sheet	revision												
index	sheet												

1 | 2

Pro/E

PDM: Rev: A

STAT: Released

Printed: Dec 20, 2010