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CENTER OF GRAVITY AS PICK-UP CENTER

2.03

$\varnothing$  11.68 MAX.

12.19

10.8

21.6

AREA SUITABLE FOR VACUUM DEVICE

SEE NOTE 4

POWER POS. PI

SIGNAL POS. AI

DATUM B

2X 4.

27.31

16.51

18X 2.54

77.47±0.25

B A C D

B A C D

B

B

A

C

D

A

B

C

D

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

mat'l code			SEE NOTE		tolerances unless otherwise specified		CUSTOMER		www.fciconnect.com	
ltr	ecn no.	dr	date	linear	0. X $\pm$ 0. 3					
A	DG09-0290	JC	07-Sep-09		0. XX $\pm$ 0. 13					
				angles	0. XXX $\pm$ 0. 051					
					0° $\pm$ 2°					
				dr	Jerome Chen	02/21/08	projection	title	2P + 76S	
				engr	Jerome Chen	02/21/08				
				chr	Gary Hsieh	02/21/08	MM	product family	PwrBlade	code
				oppd	Joseph Hsiao	02/21/08				
sheet	revision	A	A	A	A	A	scale	size	dwg no	sheet
index	sheet	1	2	3	4	5				
							I : I	A	51939-343	I of 5

12

Pro/E

4

A

B

PDM: Rev:A

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STATUS: **Released**

Printed: Dec. 20, 2010

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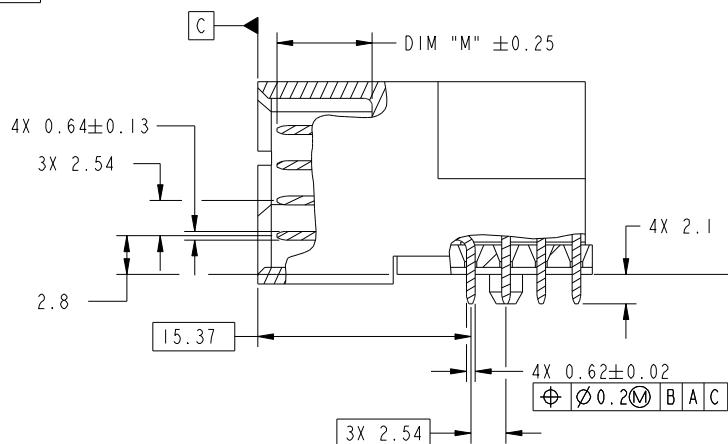
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PRODUCT NUMBER
51939-343--
NOTE: 3

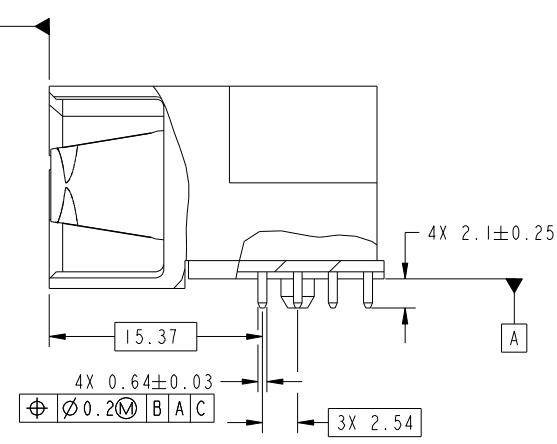
1 | 2

3 |

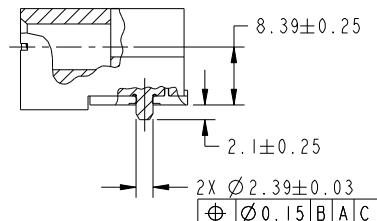
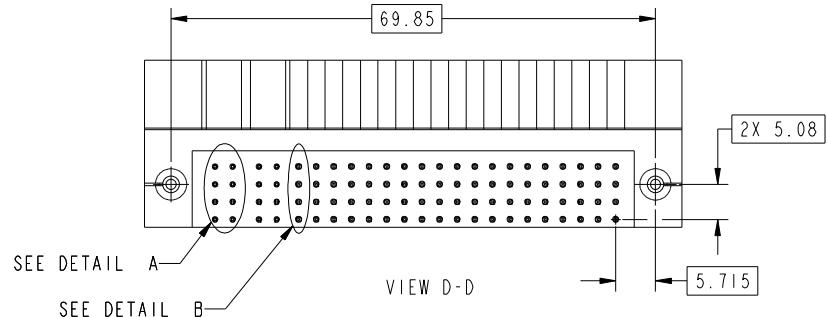
4



BROKEN-OUT SECTION A-A  
SCALE 2:1



BROKEN-OUT SECTION B-B  
SCALE 2:1



LOCAL SECTION C-C

mat'l code				SEE NOTE	tolerances unless otherwise specified		CUSTOMER	FCI	www.fciconnect.com
lfr	ecn no.	dr	date		linear	0. X ± 0.3	COPY		
A					angles	0. XX ± 0.13	projection		
						0. XXX ± 0.051			
						0° ± 2°			
					dr	Jerome Chen 02/21/08	MM		
					engr	Jerome Chen 02/21/08			
					chr	Gary Hsieh 02/21/08	scale		
					appd	Joseph Hsiao 02/21/08	1:1		
sheet		revision							
index		sheet							

1 | 2

Pro/E

3 |

cage code  
22526

4

PDM: Rev:A

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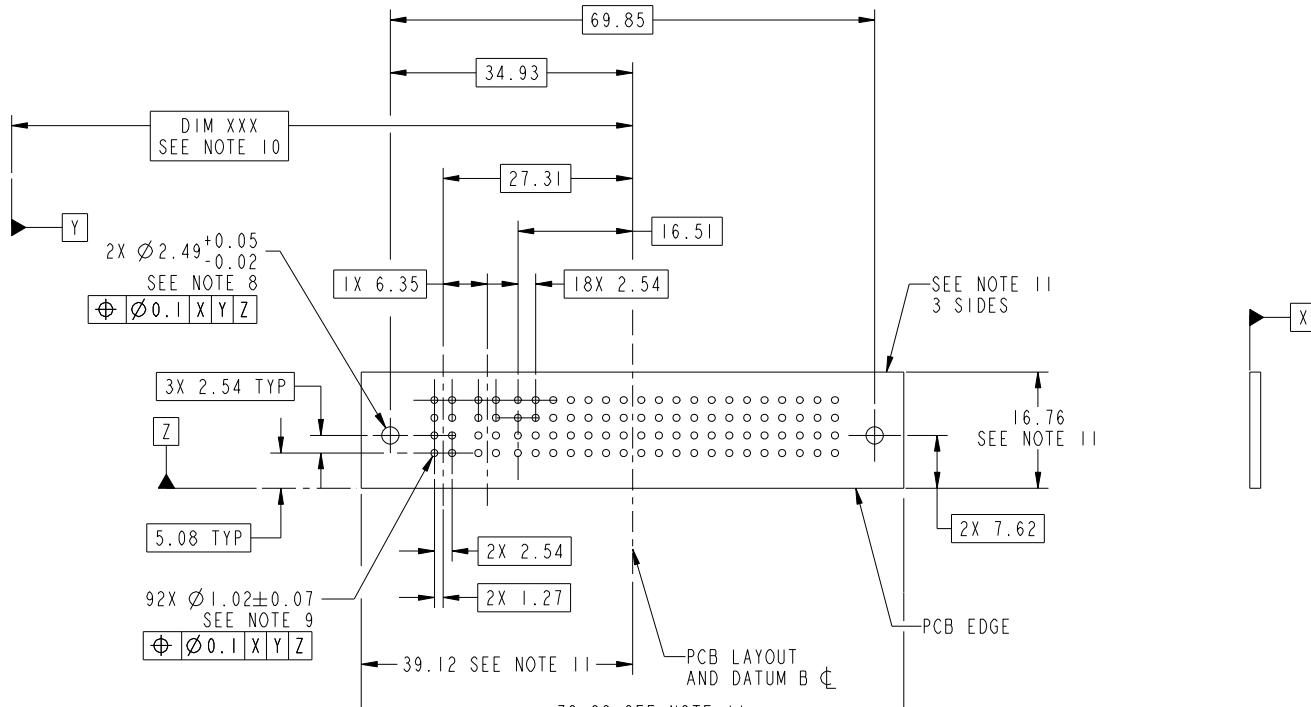
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PRODUCT NUMBER
51939-343--
NOTE: 3

1 | 2

3 |

4



A

A

B

B

mat'l code				SEE NOTE		tolerances unless otherwise specified		CUSTOMER	COPY	projection	title
lfr	ecn no.	dr	date			linear	0. X ± 0.3				
A						0. XX	± 0.13				
						0. XXX	± 0.051				
						0°	± 2°				
						dr	Jerome Chen	02/21/08			
						engr	Jerome Chen	02/21/08			
						chr	Gary Hsieh	02/21/08	MM		
						appd	Joseph Hsiao	02/21/08	scale	1:1	
				sheet	revision						
				index	sheet						

www.fciconnect.com

title 2P + 76S  
RIGHT ANGLE SOLDER HEADER

product family PwrBlade code 213  
size dwg no sheet 4 of 5  
A 51939-343

1 | 2

Pro/E

3 |

cage code 22526

4

PDM: Rev:A

STATUS: Released

Printed: Dec 20, 2010



PRODUCT NUMBER
51939-343-- NOTE: 3

1 | 2

3 |

4

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 WHICH CAN WITHSTAND NORMAL PIP PROCESS.

POWER CONTACT MATERIAL: COPPER ALLOY  
SIGNAL PIN MATERIAL: COPPER ALLOY

3. SEE ITEM 1 & 2 IN PRINT 10064183 FOR PLATING SPEC OF 51939-343 AND 51939-343LF RESPECTIVELY.

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 HARD TRAYS, SEE PRINT OF 10094543 FOR PACKAGING SPECIFICATION.

PCB NOTES:

7. ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE.

8. MOUNTING HOLES, WHERE APPLICABLE, ARE UNPLATED.

9.  $\phi 1.151 \pm 0.025$  DRILLED HOLES PLATED WITH 0.008 MIN SnPb OR Sn OVER 0.03 TO 0.08 Cu PLATING TO ACHIEVE  $\phi 1.02 \pm 0.07$  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	COPY	projection	title	www.fciconnect.com
lfr	ecn no.	dr	date			linear	0. X $\pm 0.3$					
A						angles	0. XX $\pm 0.13$					
							0. XXX $\pm 0.051$					
							0° $\pm 2°$					
						dr	Jerome Chen	02/21/08	MM			
						engr	Jerome Chen	02/21/08				
						chr	Gary Hsieh	02/21/08	scale			
						appd	Joseph Hsiao	02/21/08	1:1			
				sheet	revision							
				index	sheet							

1 | 2

3 |

4

22526

1 | 2

Pro/E

3 |

cage code

22526

B