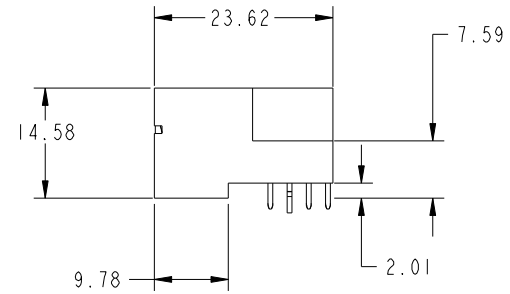
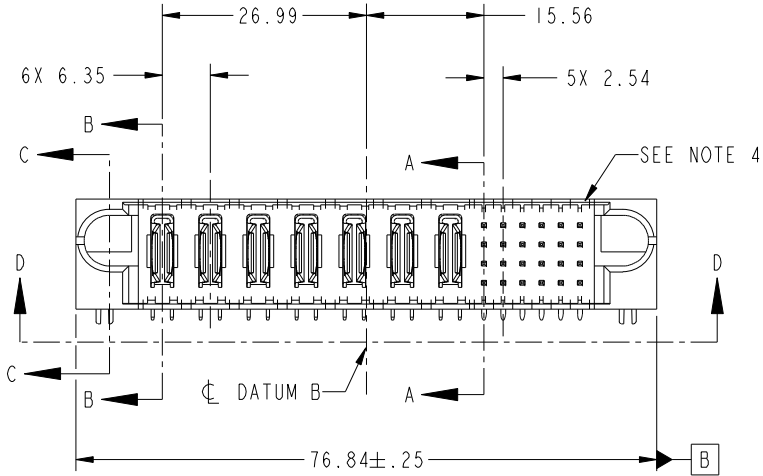
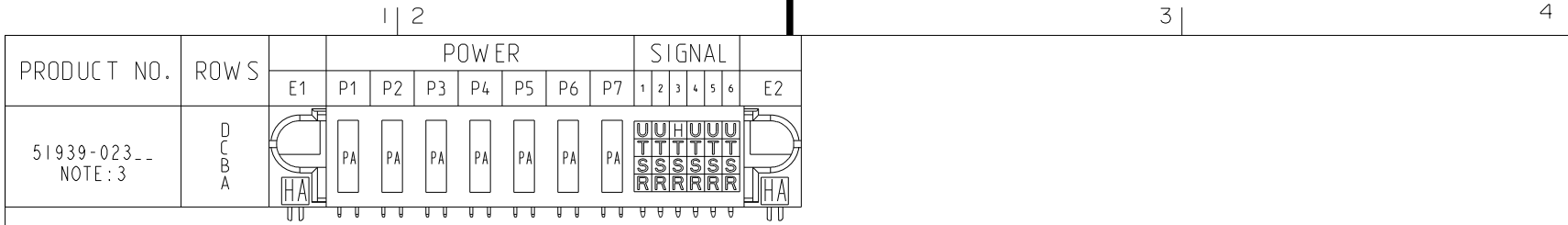


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CODE	DIM "M" MATING LENGTH	CONTACT TYPE
H	[5.59]	SIGNAL
R	[6.86]	SIGNAL
S	[6.86]	SIGNAL
T	[6.86]	SIGNAL
U	[6.86]	SIGNAL
PA	[N/A]	POWER
HA	[N/A]	HOLD-DOWN

mat'l code				SEE NOTE		tolerances unless otherwise specified		CUSTOMER		FCI	
lir	ecn no.	dr	date	linear	0.X ± 0.5	COPY		www.fciconnect.com		title	
A	V21339	TAB	08-15-02	0.XX ± 0.25	projection		7P + 24S		RIGHT ANGLE SOLDER HEADER		
B	DG05-0511	CS	11/28/05	0.XXX ± 0.10	MM		product family		PwrBlade		
C	DG07-0498	JW	09/13/08	angles	0° ± 2°	scale		A		code	
sheet index			revision sheet	C	C	C	C	size		213	
			1	2	3	4	51939-023		sheet 1 of 4		
							A		cage code 28506		

A

B

4

A

B

1 | 2

Pro/E

PDM: Rev:C

STATUS: Released

Printed: Dec 20, 2010

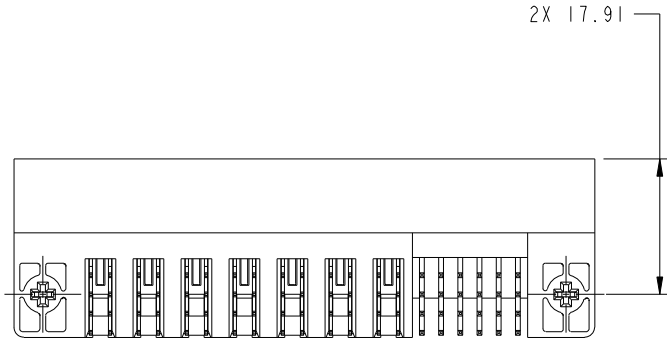
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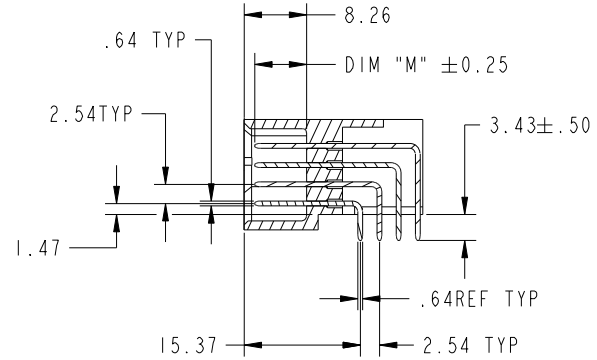


PRODUCT NUMBER

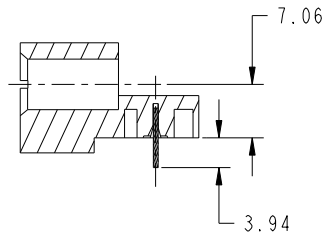
51939-023--  
NOTE: 3



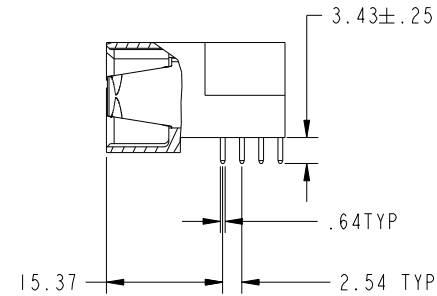
VIEW D-D



SECTION A-A



SECTION C-C



SECTION B-B

mat'l code		SEE NOTE		tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com	
lir	ecn no.	dr	date	linear	0.X ±0.5	COPY		title	
C					0.XX ±0.25	projection		7P + 24S	
				angles	0.XXX ±0.10			RIGHT ANGLE SOLDER HEADER	
				dr	0° ±2°			product family	
				enr	T. BRUNGARD 08-15-02	MM		PwrBlade	
				enr	M. MOSTOLLER 08-15-02			code	
				chr	M. MOSTOLLER 08-15-02	1:1		213	
				appd	M. MOSTOLLER 08-15-02	A		51939-023	
sheet index	revision sheet							sheet	
								2	

A

A

B

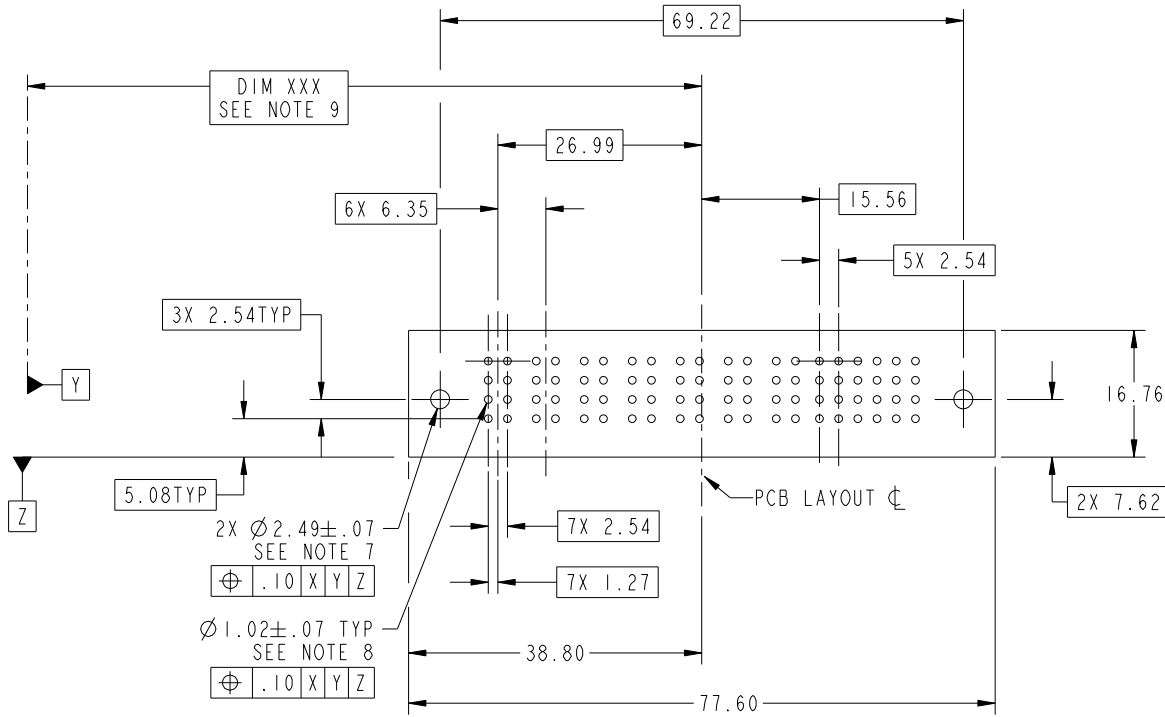
B

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PRODUCT NUMBER  
51939-023--  
NOTE: 3



RECOMMENDED PCB LAYOUT

mat'l code		SEE NOTE		tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com	
lir	ecn no.	dr	date	linear	0.X ± 0.5	COPY		title	
C					0.XX ± 0.25	projection		7P + 24S	
					0.XXX ± 0.10			RIGHT ANGLE SOLDER HEADER	
				angles	0° ± 2°			product family	
				dr	T. BRUNGARD 08-15-02	MM		PwrBlade	
				engr	M. MOSTOLLER 08-15-02			code	
				chr	M. MOSTOLLER 08-15-02	scale		213	
				appd	M. MOSTOLLER 08-15-02	1:1		sheet	
sheet index		revision sheet						3	
								51939-023	

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1 | 2

3 |

4

PRODUCT NUMBER  
51939-023--  
NOTE: 3

NOTES:

1. DIMENSIONS AND TOLERANCES ARE IN ACCORDANCE WITH ASME Y14.5M, 1994 UNLESS OTHERWISE SPECIFIED.

CONNECTORS NOTES:

2. HOUSING MATERIAL: UL 94 V-0 GLASS FILLED HIGH TEMP THERMO PLASTIC  
POWER CONTACT MATERIAL: COPPER ALLOY  
SIGNAL PIN MATERIAL: COPPER ALLOY

3. PLATING:  
SEE ITEM 1&2 IN PRINT 10064183 FOR PLATING SPEC OF 51939-023; 51939-023LF

4. "MANUFACTURER" NAME, P/N, AND DATE CODE TO APPEAR ON THIS SURFACE.

5. PRODUCT SPECIFICATION GS-12-149.

PCB - NOTES:


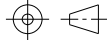

6. ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE.

7. HOLD DOWN THROUGH HOLES ARE UNPLATED.

8.  $\varnothing 1.151 \pm 0.025$  DRILLED HOLES PLATED WITH) 0.008 MIN SnPb OR Sn OVER 0.03 TO 0.08 Cu PLATING TO ACHIEVE  $\varnothing 1.02 \pm .07$  HOLE.

9. "DIM XXX" TO BE DETERMINED BY THE CUSTOMER.

10. A  $\Delta$  SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.

mat'l code				SEE NOTE		tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com	
lir	ecn no.	dr	date	linear	0.X $\pm 0.5$		COPY		title 7P + 24S RIGHT ANGLE SOLDER HEADER		
C					0.XX $\pm 0.25$		projection				
					0.XXX $\pm 0.10$						
				angles	0° $\pm 2^\circ$				product family PwrBlade		code
				dr	T. BRUNGARD	08-15-02	scale		size	dwg no	213
				engr	M. MOSTOLLER	08-15-02	1:1		A	51939-023	sheet
				chr	M. MOSTOLLER	08-15-02					4
				appd	M. MOSTOLLER	08-15-02					
sheet index	revision sheet										

1 | 2

Pro/E

PDM: Rev: C

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cage code 28506

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