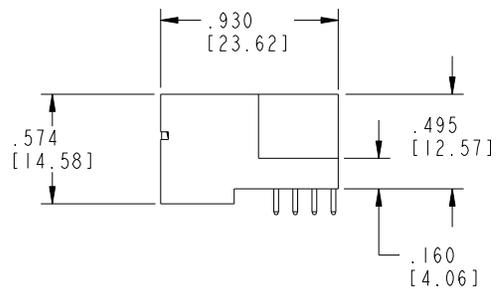
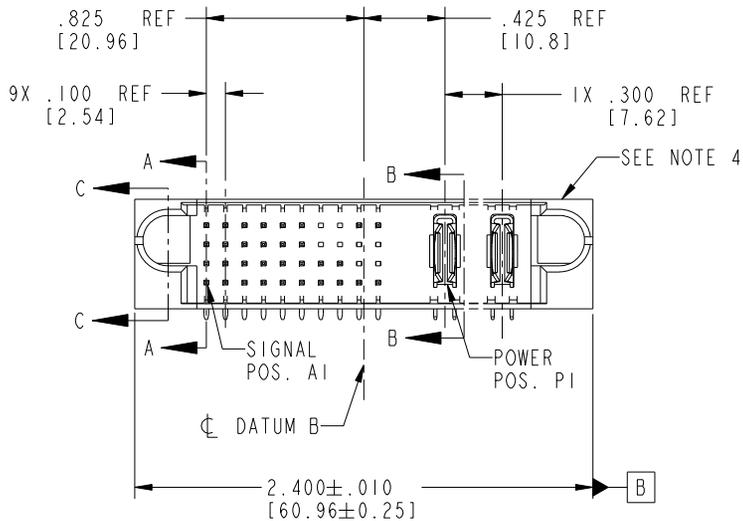


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PRODUCT NO. 51939-171-- NOTE ③	ROWS D C B A	SIGNAL										POWER		E2
		E1	1	2	3	4	5	6	7	8	9	10	P1	



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
F	.220 [5.59]	SIGNAL
X	OMITTED	OMITTED

mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com	
ltr	ecn no.	dr	date	linear	.XX±.01/0.XX±0.3		COPY		title		
A	DG05-0056	LH	03/29/05		.XXX±.005/0.XX±0.13		projection		40S+2P		
B	DG05-0110	JM	05/12/05	angles	.XXX±.002/0.XXX±0.051				Right angle solder header		
C	DG06-0013	RYAN	01/25/06		0°+2°				product family PwrBlade code		
D	DG08-0266	W D	09/22/08	dr	LH	03/29/05	INCH/MM		size		213
				engr	LH	03/29/05	scale		dwg no		sheet
				chr	VICTOR LIN	03/29/05	1:1		A 51939-171		1 of 4
				appd	JOSEPH HSIA	03/29/05					
sheet index	revision sheet	D	D	D	D						
		1	2	3	4						

Pro/E

PDM: Rev:D

STATUS: Released

Printed: Dec 20, 2010

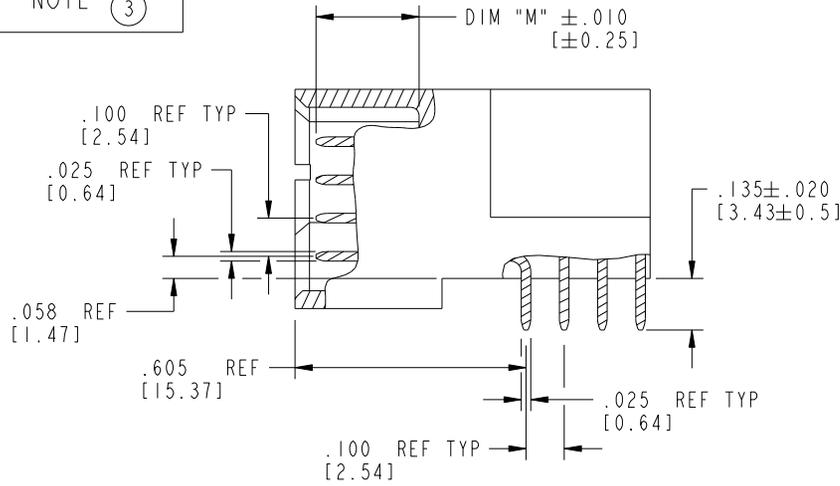
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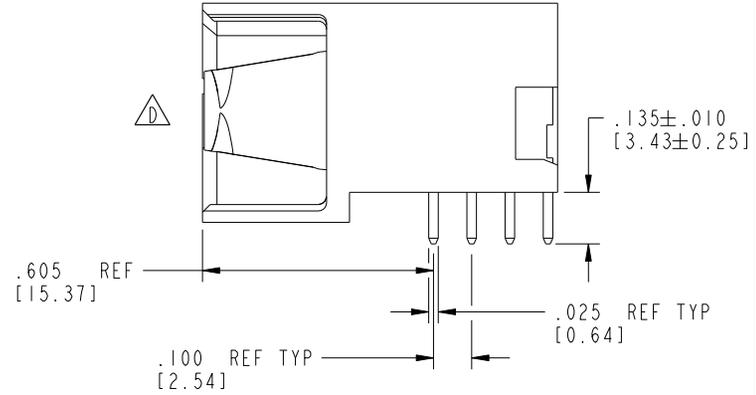


PRODUCT NUMBER

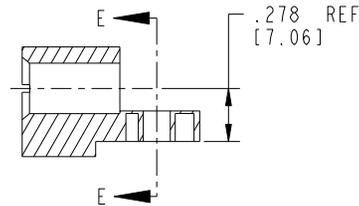
51939-171
NOTE (3)



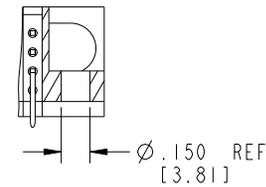
BROKEN-OUT SECTION A-A
SCALE 2:1



BROKEN-OUT SECTION B-B
SCALE 2:1



SECTION C-C



PARTIAL SECTION E-E

mat'l code		SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		FCI	
lir	ecn no.	dr	date	linear	.XX±.01/0.X±0.3	COPY		www.fciconnect.com	
D				projection	.XXY±.005/0.XX±0.13	INCH/MM		title 40S+2P	
				angles	.XXX±.0020/0.XXX±0.051	1:1		Right angle solder header	
				dr	LH 03/29/05	scale		product family PwrBlade code	
				enrg	LH 03/29/05	1:1		size dwg no 213	
				chr	VICTOR LIN 03/29/05			sheet	
				appd	JOSEPH HSIA 03/29/05			A 51939-171 2 of 4	
sheet index	revision sheet								

Pro/E

PDM: Rev: D

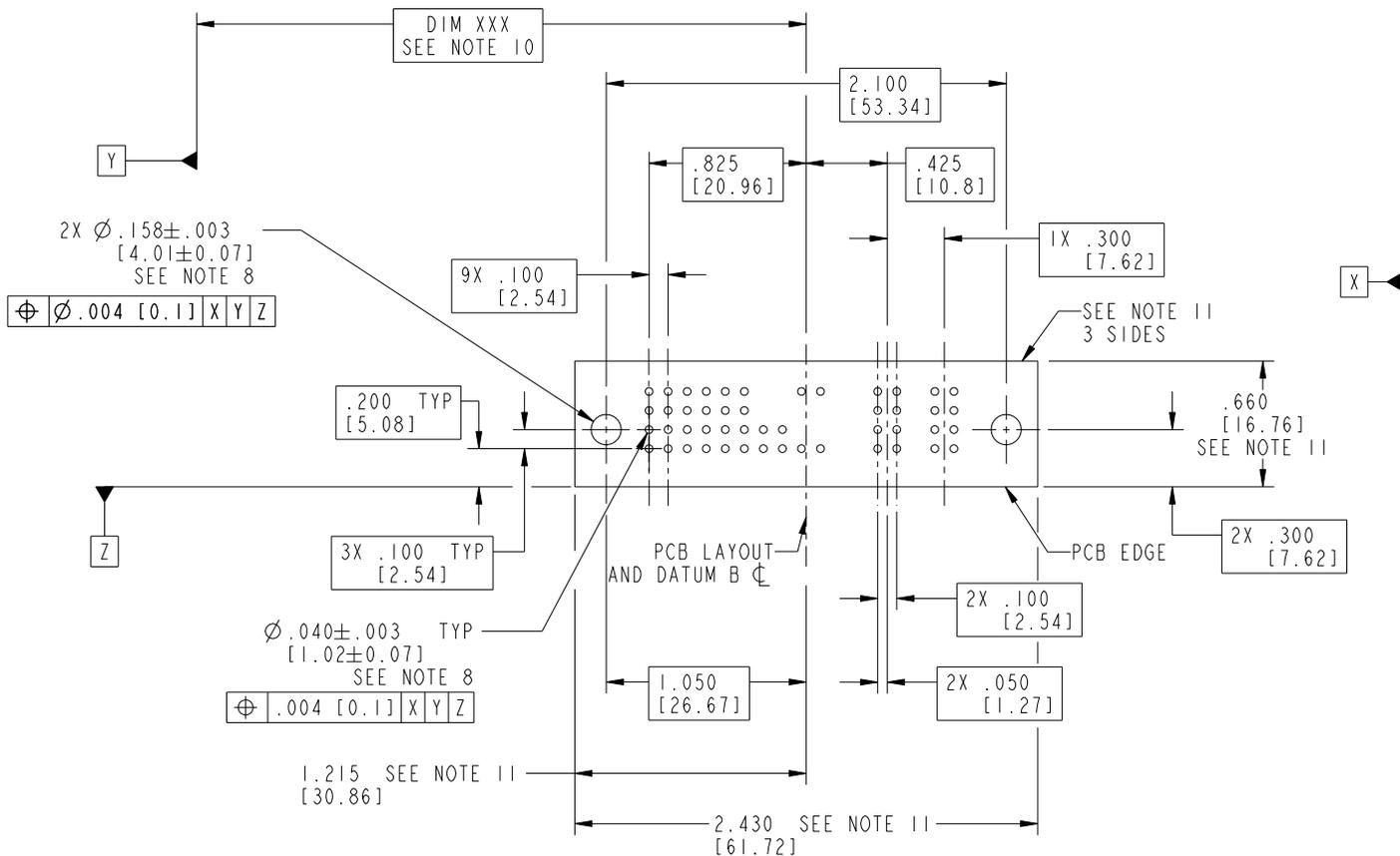
STATUS: Released

Printed: Dec 20, 2010

cage code 28526



PRODUCT NUMBER
51939-171
NOTE (3)



RECOMMENDED PCB LAYOUT

mat'l code		SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com	
ltr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3	projection	title 40S+2P		
D					.XX±.005/0.XX±0.13		Right angle solder header		
				angles	.XXX±.002/0.XXX±0.051		product family PwrBlade		code 213
				dr	LH 03/29/05	INCH/MM	size dwg no		sheet 3 of 4
				engr	LH 03/29/05	scale	A 51939-171		
				chr	VICTOR LIN 03/29/05	1:1			
				appd	JOSEPH HSIA 03/29/05				
sheet index	revision sheet								

PRODUCT NUMBER

51939-171...
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. SEE ITEM 1 & 2 IN PRINT 10064183 FOR PLATING SPEC OF 51939-171 AND 51939-171LF 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 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 ± 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 ± .07] HOLE.

- (10) "DIM XXX" TO BE DETERMINED BY THE CUSTOMER.

- (11) CONNECTOR KEEP-OUT ZONE.

12. △ SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.

mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		FCJ	
lfr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3	projection		COPY		www.fciconnect.com	
D					.XXX±.005/0.XX±0.13	INCH/MM		title		40S+2P	
				angles	.XXX±.002/0.XXX±0.051	INCH/MM		Right angle solder header		product family	
				dr	LH 03/29/05	scale		PwrBlade		code	
				enrg	LH 03/29/05	1:1		size		213	
				chr	VICTOR LIN 03/29/05			A		sheet	
				appd	JOSEPH HSIA 03/29/05			51939-171		4 of 4	
sheet index		revision sheet									

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