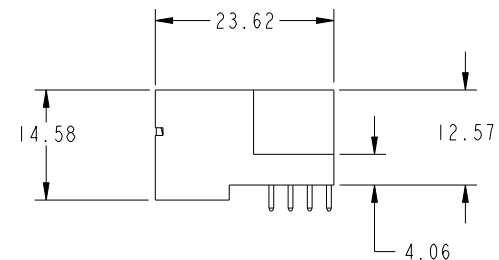
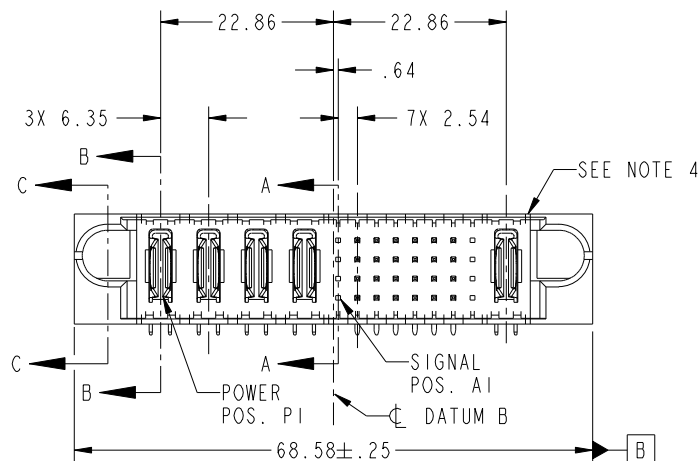




PRODUCT NO.	ROWS	PWR					SIGNAL								PWR	E2
		E1	P1	P2	P3	P4	1	2	3	4	5	6	7	8	P5	
51939-011-- NOTE:3	D C B A		PA	PA	PA	PA	X	H	U	U	U	U	U	U	X	
							X	T	T	T	T	T	T	T	X	
							X	S	S	S	S	S	S	S	X	
							X	R	R	R	R	R	R	R	X	



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
X	OMITTED	OMITTED

mat'l code				SEE NOTE		tolerances unless otherwise specified		CUSTOMER		FCI	
ltr	ecn no.	dr	date			linear	0.X ± 0.5	COPY		www.fciconnect.com	
A	V20528	JWS	03-18-02				0.XX ± 0.25	projection		title 4P + 32S + 1P RIGHT ANGLE SOLDER HEADER	
B	DG05-0417	CS	10/25/05			angles	0.XXX ± 0.10				
C	DG07-0498	JW	09/12/08				0° ± 2°			product family PwrBlade	
						dr	J. SHAFFER 03-18-02	MM		size dwg no	
						enrg	J. ALLISON 03-18-02	scale		A 51939-011	
						chr	J. ALLISON 03-18-02	1:1		sheet 213	
						appd	J. ALLISON 03-18-02			1 of 4	
sheet index	revision sheet	C	C	C	C						
		1	2	3	4						

A

B

3

4

A

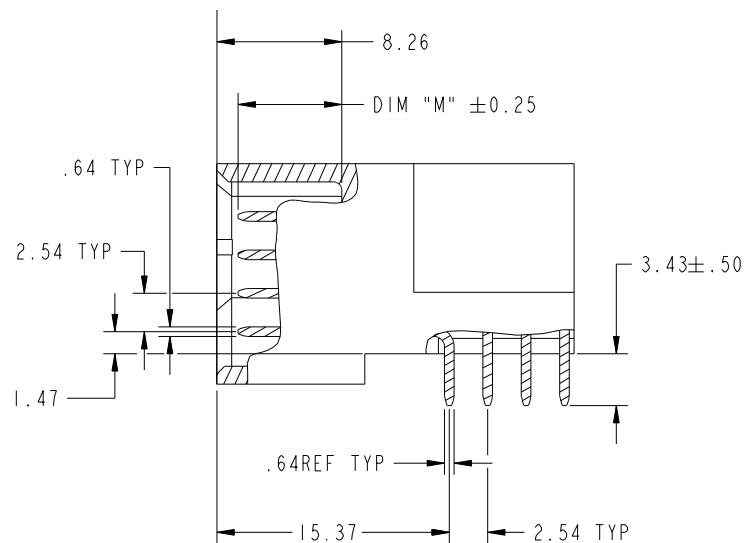
B

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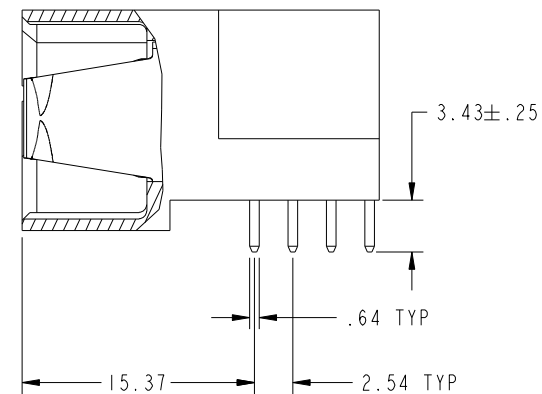


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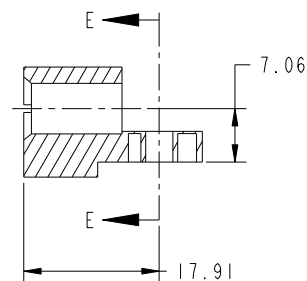
PRODUCT NUMBER
51939-011--
NOTE: 3



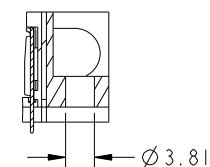
BROKEN-OUT SECTION A-A
SCALE 2:1



BROKEN-OUT SECTION B-B
SCALE 2:1



SECTION C-C



PARTIAL SECTION E-E

mat'l code				SEE NOTE		tolerances unless otherwise specified		CUSTOMER		FCI			
lfr	ecn no.	dr	date			linear	0.X ±0.5	COPY		www.fciconnect.com			
C							0.XX ±0.25	projection		title			
						angles	0.XXX ±0.10			4P + 32S + 1P			
							0° ±2°			RIGHT ANGLE SOLDER HEADER			
				dr	J. SHAFFER	03-18-02		MM		product family		PwrBlade	code
				enrg	J. ALLISON	03-18-02		scale		size	dwg no	213	sheet
				chr	J. ALLISON	03-18-02		1:1	A	51939-011		2	
				appd	J. ALLISON	03-18-02							
sheet index	revision sheet												

A

B

A

B

Pro/E

PDM: Rev: C

STATUS: Released

Printed: Sep 26, 2008



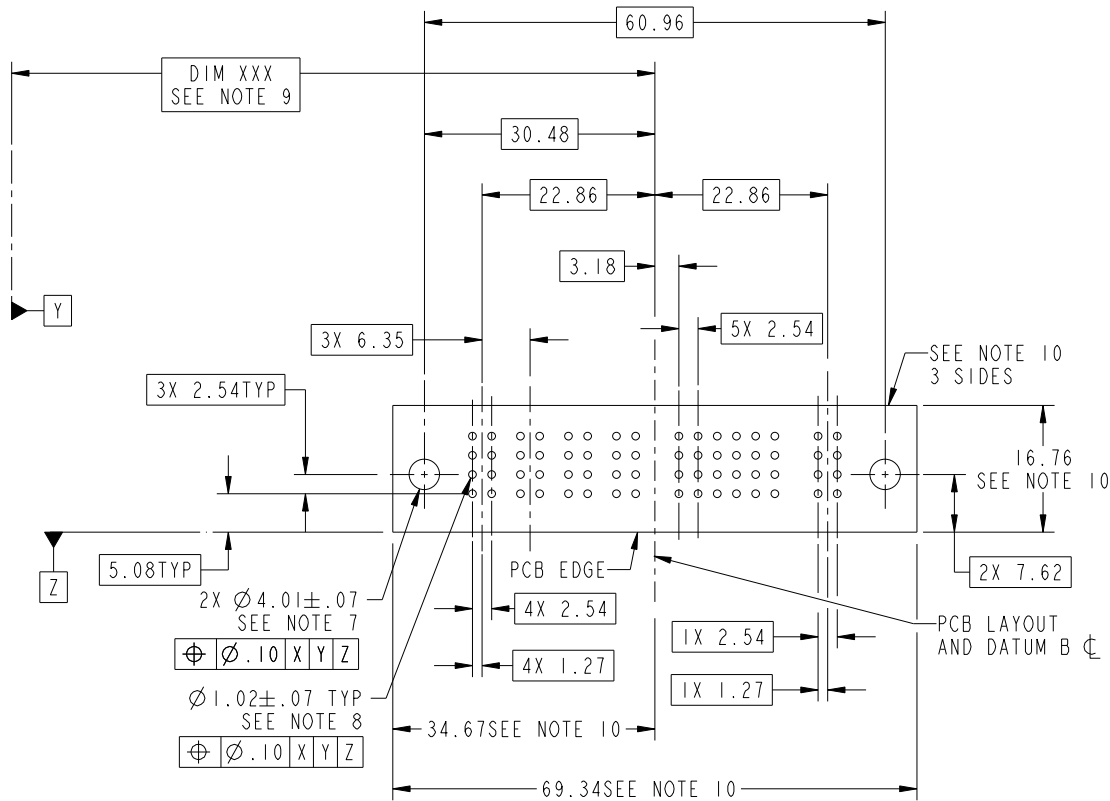
1 | 2

3

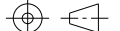
4

PRODUCT NUMBER

51939-011--
NOTE: 3



RECOMMENDED PCB LAYOUT

mat'l code				SEE NOTE		tolerances unless otherwise specified		CUSTOMER		FCI www.fciconnect.com			
lir	ecn no.	dr	date	linear	0.X ± 0.5		projection	COPY		title 4P + 32S + 1P RIGHT ANGLE SOLDER HEADER			
C					0.XX ± 0.25								
					0.XXX ± 0.10								
				angles	0° ± 2°								
				dr	J. SHAFFER	03-18-02		product family		PwrBlade		code	
				enrg	J. ALLISON	03-18-02		size	dwg no		213		
				chr	J. ALLISON	03-18-02		scale	A		51939-011		
				appd	J. ALLISON	03-18-02	1:1					sheet	
												3	
sheet	revision												
index	sheet												

B

B

1 | 2

Pro/E

PDM: Rev: C

STATUS: Released

Printed: Sep 26, 2008

PRODUCT NUMBER

51939-011--
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

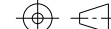
- △ ③ PLATING:
SEE ITEM 1&2 IN PRINT 10064183 FOR PLATING SPEC OF 51939-011; 51939-011LF

- 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.

PCB NOTES:

- ⑥ ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE.
- ⑦ MOUNTING HOLES, WHERE APPLICABLE, 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. CONNECTOR KEEP-OUT ZONE.
- 11 A △ 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				
ltr	ecn no.	dr	date	linear	0.X ±0.5				COPY		title 4P + 32S + 1P RIGHT ANGLE SOLDER HEADER							
C					0.XX ±0.25				projection									
					0.XXX ±0.10													
				angles	0° ±2°				 MM 1:1		product family				PwrBlade		code	
				dr	J. SHAFFER 03-18-02						size		dwg no		213			
				enrg	J. ALLISON 03-18-02						A		51939-011		sheet 4			
				chr	J. ALLISON 03-18-02													
				appd	J. ALLISON 03-18-02													
sheet index		revision sheet																