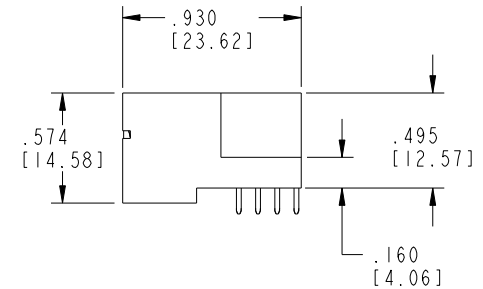
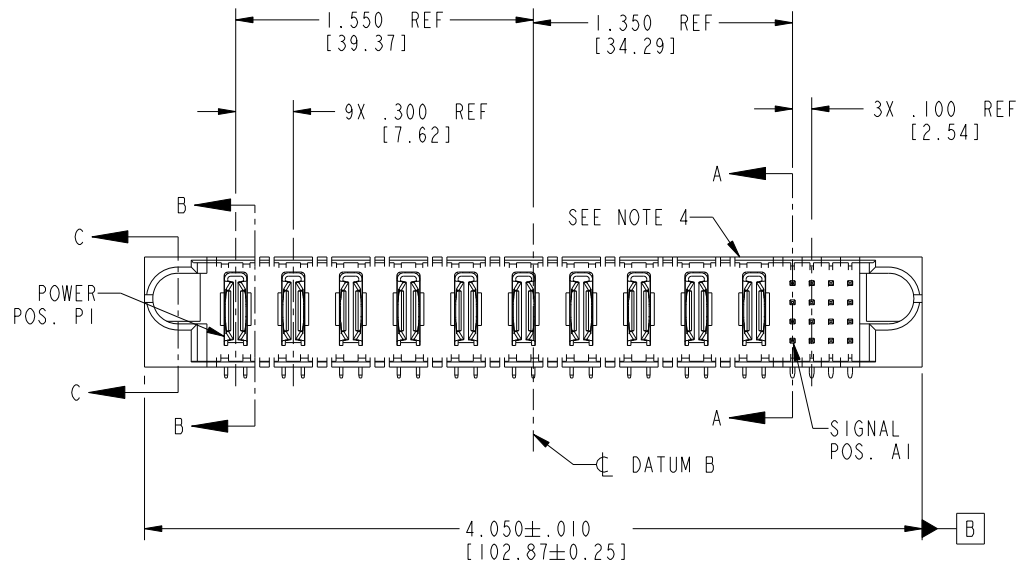


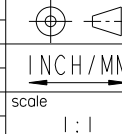


PRODUCT NO.	ROW S		POWER										SIGNAL				
		E1	P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	1	2	3	4	E2
51939-135-- NOTE 3	D C B A		PA	PA	PA	PA	PA	PA	PA	PA	PA	PA	UUUU	TTTT	SSSS	RRRR	
				U	U	U	U	U	U	U	U	U	U	U	U	U	



CODE	DIM "M" MATING LENGTH	CONTACT TYPE
E	.220 [5.59]	SIGNAL
R	.270 [6.86]	SIGNAL
S	.270 [6.86]	SIGNAL
T	.270 [6.86]	SIGNAL
U	.270 [6.86]	SIGNAL
PA	N/A [N/A]	POWER

mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		FCI	
ltr	ecn no.	dr	date					COPY		www.fciconnect.com	
A	V04-0850	DAI	8/24/04	linear		.XX±.01/0.X±0.3		projection		title 10P + 16S RIGHT ANGLE SOLDER HEADER	
B	DG06-0013	RYAN	01/12/06			.XXX±.005/0.XX±0.13					
C	DG08-0266	W D	09/22/08			.XXX±.0020/0.XXX±0.051					
				angles		0°±2°		INCH/MM		product family PwrBlade	
				dr	D. INGRAM	08/24/04					
				enrg	M. GRAY	08/24/04					
				chr	M. GRAY	08/23/04		scale 1:1		size A	dwg no 51939-135
				appd	M. GRAY	08/23/04					
sheet index	revision sheet	C 1	C 2	C 3	C 4						



scale
1:1



www.fciconnect.com

title
10P + 16S
RIGHT ANGLE SOLDER HEADER

product family
PwrBlade
size
A
dwg no
51939-135

code
213
sheet
1 of 4

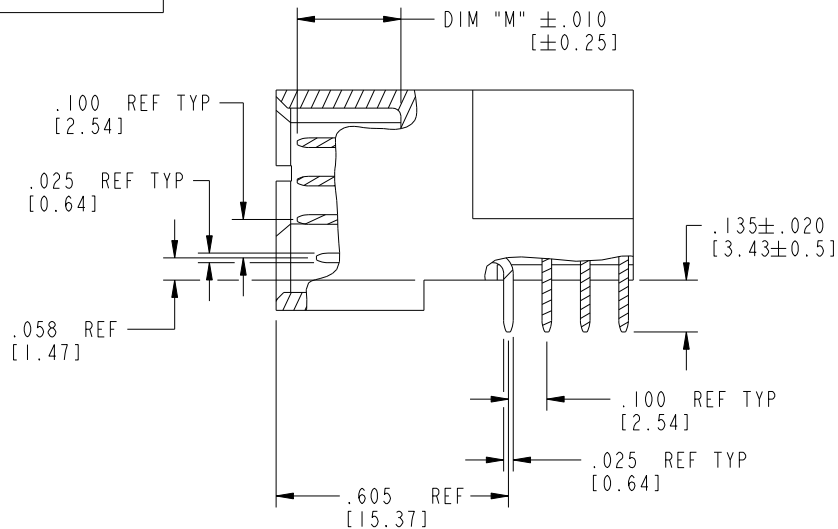
A

B

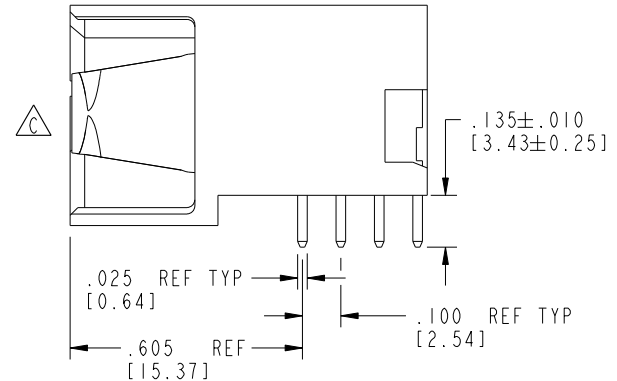
A

B

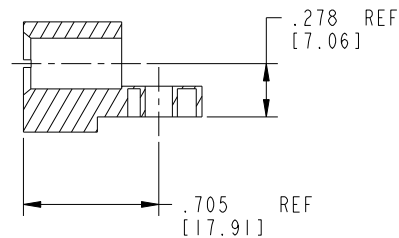
PRODUCT NUMBER
51939-135--
NOTE 3



BROKEN-OUT SECTION A-A
SCALE 2:1

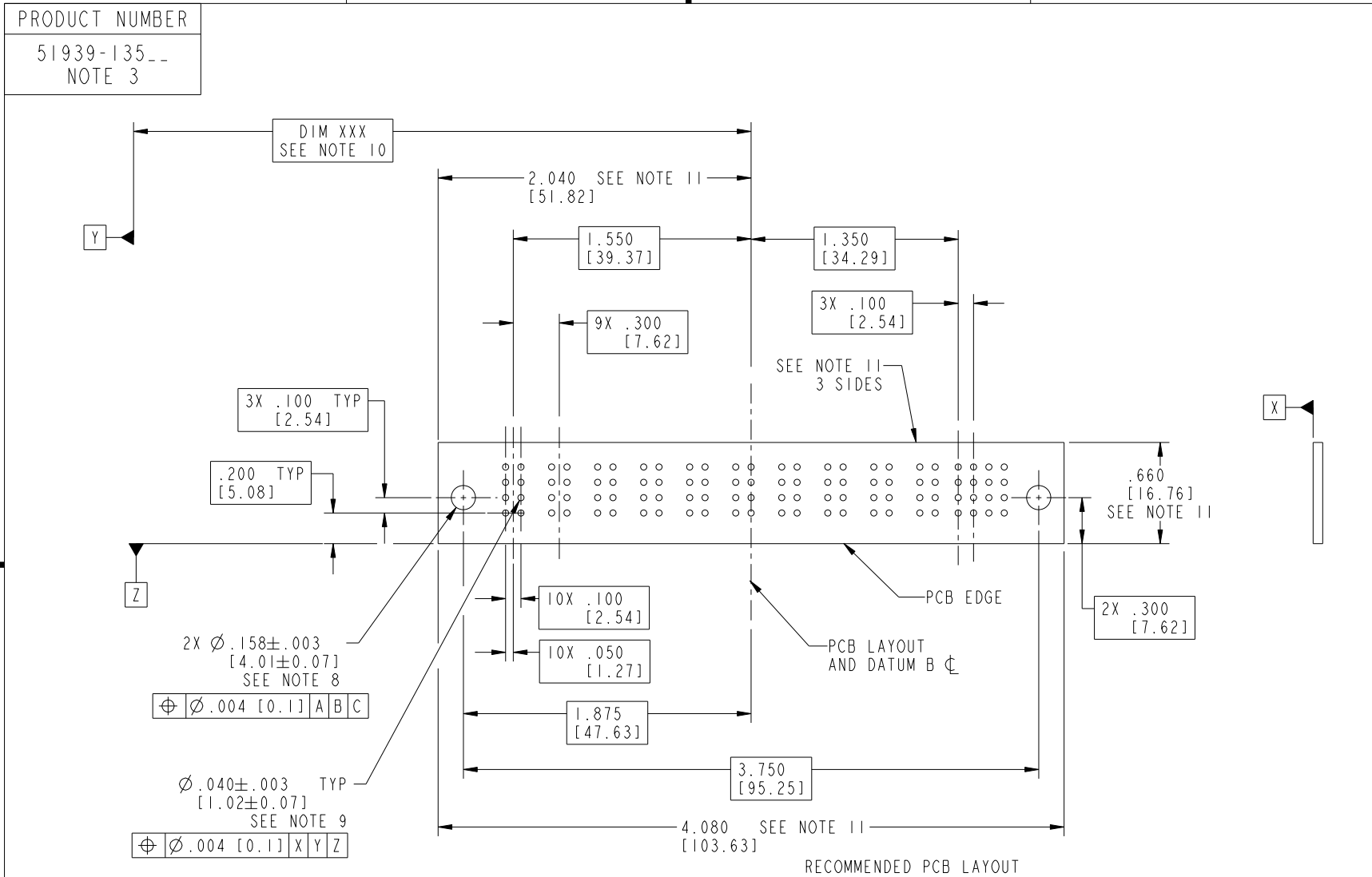


BROKEN-OUT SECTION B-B
SCALE 2:1



SECTION C-C

mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		FCI	
ltr	ecr no.	dr	date	linear	angles	linear	angles	COPY	projection	title	www.fciconnect.com
C				.XX±.01/0.X±0.3		.XX±.005/0.XX±0.13				10P + 16S	
				.XXX±.0020/0.XXX±0.051		.XXX±.0020/0.XXX±0.051				RIGHT ANGLE SOLDER HEADER	
				0°±2°		0°±2°				product family	PwrBlade
				dr		D. INGRAM	08/24/04			size	213
				enr		M. GRAY	08/23/04			dwg no	sheet
				chr		M. GRAY	08/23/04			A	2 of 4
				appd		M. GRAY	08/23/04			51939-135	
sheet index	revision sheet										



mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		FCI	
ltr	ecn no.	dr	date	linear		.XX±.01/0.X±0.3		COPY		www.fciconnect.com	
C						.XXX±.005/0.XX±0.13		projection		title	
						.XXX±.0020/0.XXX±0.051				10P + 16S	
				angles		0°±2°				RIGHT ANGLE SOLDER HEADER	
				dr	D. INGRAM	08/24/04				product family	
				enr	M. GRAY	08/23/04				PwrBlade	
				chr	M. GRAY	08/23/04				size	
				appd	M. GRAY	08/23/04				dwg no	
sheet index		revision sheet								A	
										51939-135	
										213	
										3 of 4	

1 | 2

3

4

PRODUCT NUMBER
51939-135-- 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 51939-135 AND 51939-135LF 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 $\pm$ 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 $\pm$.07] HOLE.

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

- (11.) CONNECTOR KEEP-OUT ZONE.

12. A△C 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		FCI	
ltr	ecn no.	dr	date					COPY		www.fciconnect.com	
C				linear		.XX $\pm$.01 / 0.X $\pm$ 0.3		projection		title	10P + 16S
						.XXX $\pm$.005 / 0.XX $\pm$ 0.13				RIGHT ANGLE SOLDER HEADER	
				angles		.XXX $\pm$.0020 / 0.XXX $\pm$ 0.051				product family	PwrBlade
						0° $\pm$ 2°				size	213
				dr	D. INGRAM	08/24/04		INCH/MM		dwg no	sheet
				enrg	M. GRAY	08/24/04				A	4 of 4
				chr	M. GRAY	08/23/04		scale			
				appd	M. GRAY	08/23/04		1:1			
sheet index	revision sheet										

B

B

1 | 2

Pro/E

PDM: Rev:C

STATUS: Released

Printed: Dec 20, 2010