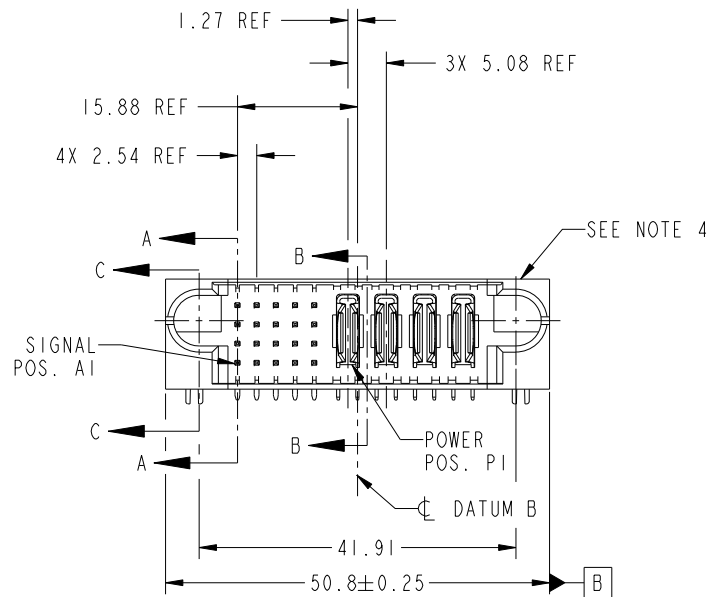
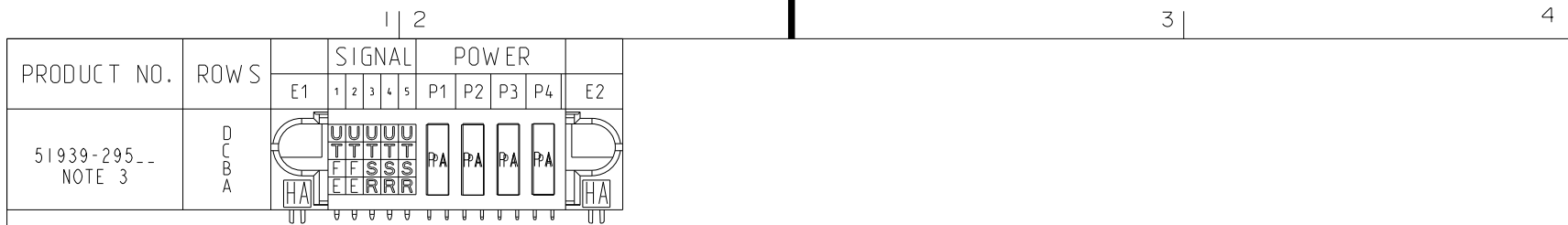


CODE	DIM "M" MATING LENGTH	CONTACT TYPE
U	[6.86]	SIGNAL
T	[6.86]	SIGNAL
S	[6.86]	SIGNAL
R	[6.86]	SIGNAL
PA	[N/A]	POWER
HA	[N/A]	HOLD-DOWN
E	[5.59]	SIGNAL
F	[5.59]	SIGNAL

mat'l code				SEE NOTE		tolerances unless otherwise specified		CUSTOMER		FCI	
ltr	ecn no.	dr	date					COPY		www.fciconnect.com	
A	DG07-0289	JC	07/13/07	linear		0.X ±0.5		projection		title	
B	DG08-0145	SH	06/04/08			0.XX ±0.25				20S + 4P	
C	DG08-0266	W D	09/22/08	angles		0.XXX ±0.1				RIGHT ANGLE SOLDER HEADER	
						0° ±2°				product family	
				dr	Jerome Chen	05/28/07				PwrBlade	
				enrg	Jerome Chen	05/28/07				code	
				chr	Gary Hsieh	05/28/07				213	
				appd	Joseph Hsiao	05/28/07				sheet	
sheet	revision	C	C	C	C			scale	1:1	51939-295	
index	sheet	1	2	3	4					1 of 4	

A

B

A

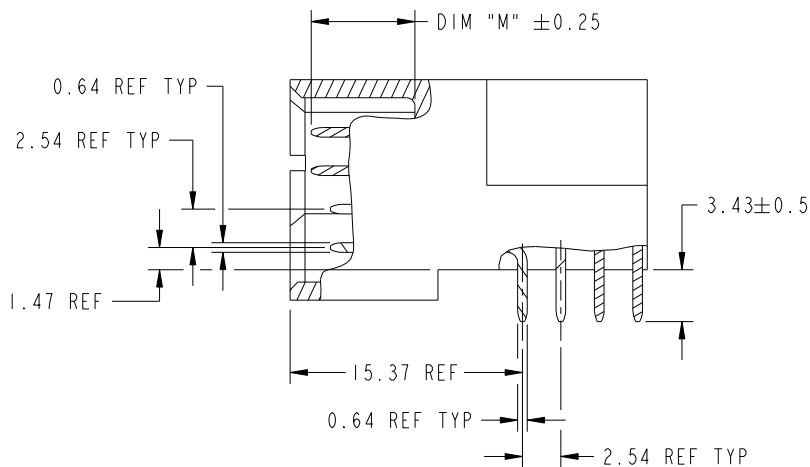
B

Tous droits strictement réservés. Reproduction ou communication à des tiers interdite sous quelque forme que ce soit sans autorisation écrite du propriétaire. Propriété de c FCI. Droits de reproduction FCI.

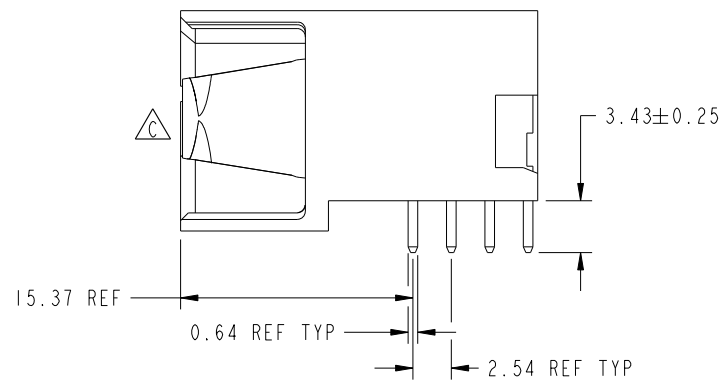
All rights strictly reserved. Reproduction or issue to third parties in any form whatever is not permitted without written authority from the proprietor. Property of FCI. Copyright FCI.



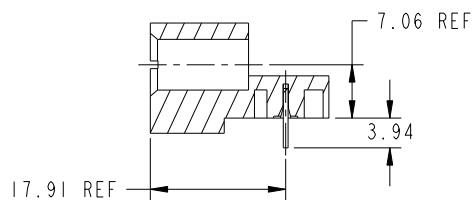
PRODUCT NUMBER
51939-295--
NOTE: 3



BROKEN-OUT SECTION A-A
SCALE 2:1



BROKEN-OUT SECTION B-B
SCALE 2:1



SECTION C-C

mat'l code				SEE NOTE		tolerances unless otherwise specified		CUSTOMER		FCI	
ltr	ecn no.	dr	date			linear	0.X ± 0.5	COPY		www.fciconnect.com	
C						linear	0.XX ± 0.25	projection		title	
						linear	0.XXX ± 0.1			20S + 4P	
						angles	0° ± 2°			RIGHT ANGLE SOLDER HEADER	
						dr	Jerome Chen 05/28/07			product family	
						enrg	Jerome Chen 05/28/07			PwrBlade	
						chr	Gary Hsieh 05/28/07			code	
						appd	Joseph Hsia 05/28/07			213	
sheet	revision									size	
index	sheet									dwg no	
										A	
										51939-295	
										sheet	
										2 of 4	

B

B



1 | 2

3

4

PRODUCT NUMBER

51939-295--
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 51939-295 AND 51939-295LF 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.) $\varnothing 1.151 \pm 0.025$ 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.
- (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		tolerances unless otherwise specified		CUSTOMER		FCI			
ltr	ecn no.	dr	date					COPY		www.fciconnect.com			
C				linear		$0.X \pm 0.5$		projection		title			
						$0.XX \pm 0.25$				20S + 4P			
						$0.XXX \pm 0.1$				RIGHT ANGLE SOLDER HEADER			
				angles		$0^\circ \pm 2^\circ$							
				dr	Jerome Chen	05/28/07		MM		product family		PwrBlade	code
				engr	Jerome Chen	05/28/07				size	dwg no		213
				chr	Gary Hsieh	05/28/07		scale		A		51939-295	sheet
				appd	Joseph Hsia	05/28/07		1:1					4 of 4
sheet	revision												
index	sheet												

1 | 2

Pro/E

PDM: Rev: C

STATUS: Released

Printed: Dec 20, 2010