

A



B

1 | 21 | 2Pro/E

3

4



B



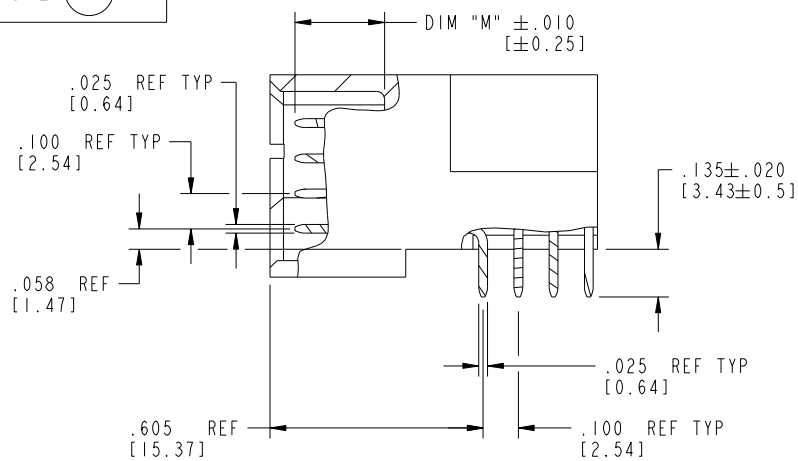
All rights strictly reserved. Reproduction or issue to third parties in any form whatever is not permitted without written authority from the proprietor. Property of FCI. Copyright FCI.

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.

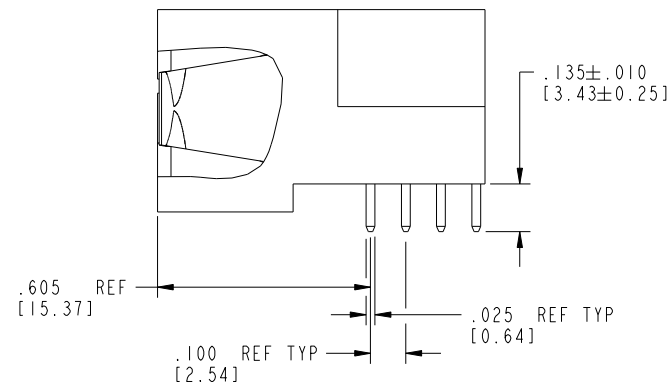
B

A

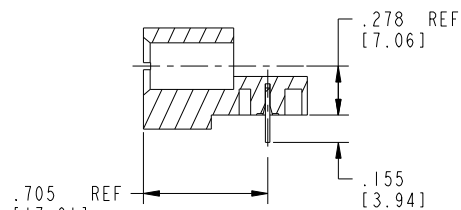
PRODUCT NUMBER
51939-041--
NOTE (3)



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								www.fciconnect.com			
ltr		ecn no.		dr		date		linear	$.XX \pm .01 / 0.X \pm 0.3$				COPY				title IP + 24S + 1P						
E									$.XXX \pm .005 / 0.XX \pm 0.13$				projection										
									$.XXX \pm .0020 / 0.XXX \pm 0.051$								RIGHT ANGLE SOLDER HEADER						
									angles $0^\circ \pm 2^\circ$														
								dr	M. MOSTOLLER 1/27/03				INCH/MM				product family PwrBlade				code		
								enrg	M. MOSTOLLER 1/27/03								size dwg no				213		
								chr	H. BREWBAKER 1/27/03				scale				A				sheet		
								appd	M. MOSTOLLER 1/27/03				1:1				51939-041				2 of 4		
sheet index		revision																					
		sheet																					

B

1 | 2

Pro/E

3 |

cage code 22526

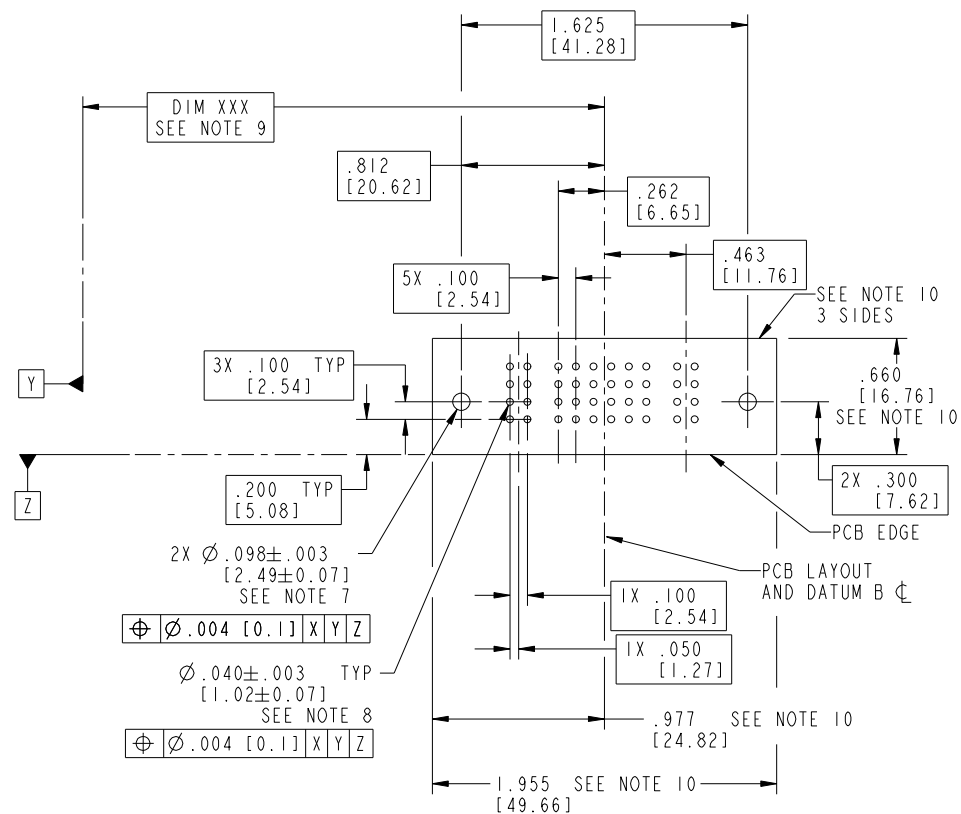
4



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.

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.

PRODUCT NUMBER
51939-041--
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				COPY										
E					.XXX±.005/0.XX±0.13				projection										
					.XXX±.0020/0.XXX±0.051														
				angles	0°±2°								title IP + 24S + IP RIGHT ANGLE SOLDER HEADER						
				dr	M. MOSTOLLER	1/27/03		INCH/MM											
				enrg	M. MOSTOLLER	1/27/03		scale											
				chr	H. BREWBAKER	1/27/03		1:1				product family PwrBlade							
				appd	M. MOSTOLLER	1/27/03						size A		dwg no 51939-041		code 213			
sheet index		revision sheet														sheet 3 of 4			

cage code 22526

Tous droits strictement reserves. Reproduction ou communication a des tiers interdite sous quelque forme que ce soit sans autorisation écrite du propriétaire.
Propriete 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
51939-041--
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 51939-041 AND 51939-041LF 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.

PCB NOTES:

6. ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE.
7. MOUNTING HOLES, WHERE APPLICABLE, ARE UNPLATED.

- (8) $\varnothing .0453 \pm .0010$ [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
 $\varnothing .040 \pm .003$ [$1.02 \pm .07$] 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 2		tolerances unless otherwise specified		CUSTOMER		www.fciconnect.com	
ltr	ecn no.	dr	date	linear	$.XX \pm .01 / 0.X \pm 0.3$		COPY			title	
E					$.XXX \pm .005 / 0.XX \pm 0.13$		projection			IP + 24S + IP	
					$.XXX \pm .0020 / 0.XXX \pm 0.051$					RIGHT ANGLE SOLDER HEADER	
				angles	$0^\circ \pm 2^\circ$		INCH/MM			product family	
				dr	M. MOSTOLLER	1/27/03	scale			PwrBlade	
				enrg	M. MOSTOLLER	1/27/03	1:1			code	
				chr	H. BREWBAKER	1/27/03			A	size	
				appd	M. MOSTOLLER	1/27/03				dwg no	
										51939-041	
sheet index		revision sheet								sheet	
										4 of 4	

cage code 22526