

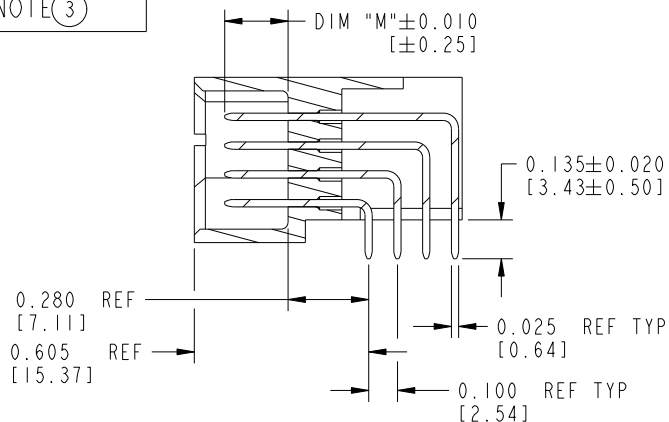
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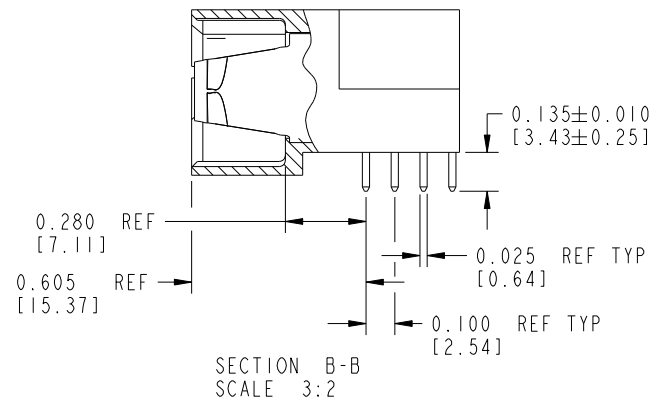


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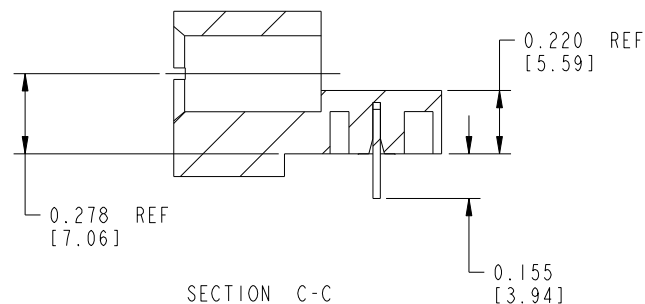
PRODUCT NUMBER
51890-002--
NOTE ③



SECTION A-A
SCALE 3:2



SECTION B-B
SCALE 3:2



SECTION C-C
SCALE 3:2

mat'l code				NOTE 1				tolerances unless otherwise specified				CUSTOMER COPY		www.fciconnect.com			
ltr	ecr no.	dr	date	linear	.XX±.01/0.X±0.3				projection			title		9P + 32S + 4P			
E					.XXX±.005/0.XX±0.13							RIGHT ANGLE SOLDER HEADER					
					.XXXX±.0020/0.XXX±0.051							product family		PwrBlade			
				angles	0°±2°				 INCH / MM scale 1:1	size		dwg no		code			
				dr	J. SHAFFER 02-08-01					A		51890-002		213			
				enrg	J. DODDS 02-08-01									SHEET			
				chr	J. DODDS 02-08-01									2			
				appd	J. DODDS 02-08-01												
sheet index		revision sheet															

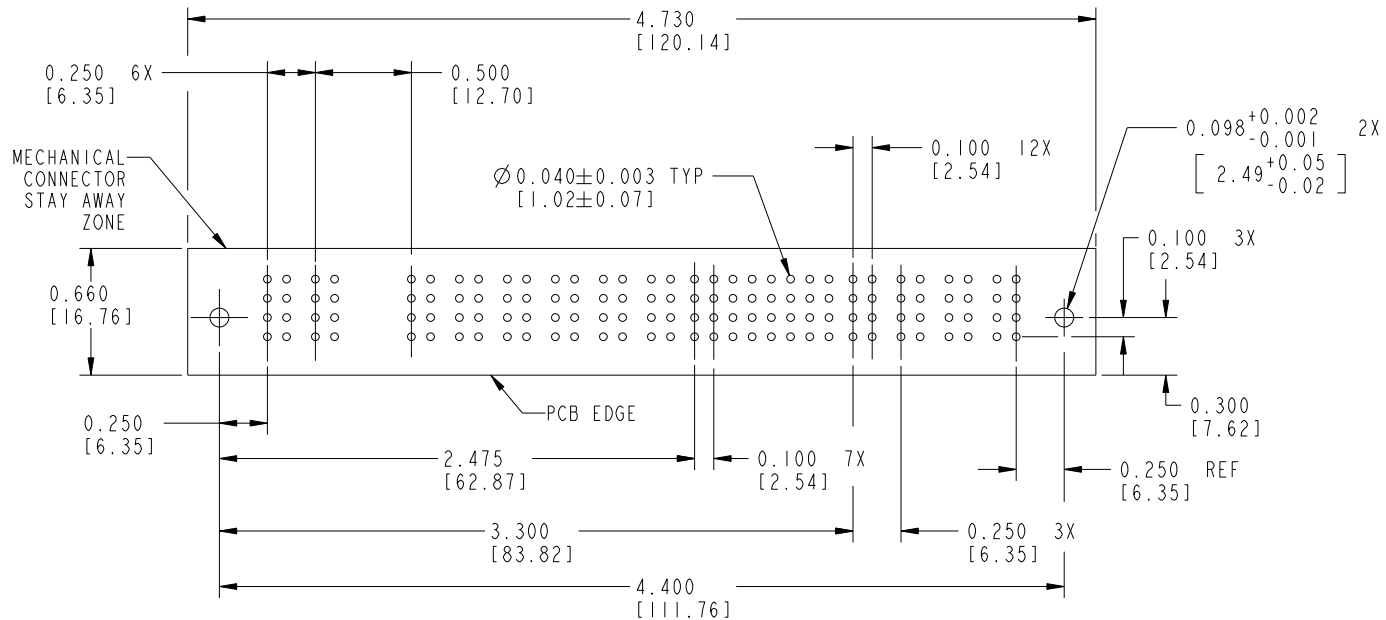
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PRODUCT NUMBER

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NOTE ③



RECOMMENDED PCB LAYOUT

mat'l code				NOTE 1		tolerances unless otherwise specified		CUSTOMER		FCI	
ltr	ecn no.	dr	date	linear	angles	.XX±.01/0.X±0.3		COPY		www.fciconnect.com	
E						.XXX±.005/0.XX±0.13		projection		title	
						.XXX±.0020/0.XXX±0.051		INCH / MM		9P + 32S + 4P	
						0° ± 2°		scale		RIGHT ANGLE SOLDER HEADER	
				dr	J. SHAFFER	02-08-01		product family		PwrBlade	
				enr	J. DODDS	02-08-01		Size		dwg no	
				chr	J. DODDS	02-08-01		A		51890-002	
				appd	J. DODDS	02-08-01		code		213	
sheet index	revision sheet							scale		sheet 3	

form no. 7530-001-103

PDM: Rev: E

STATUS: Released

Printed: Dec 20, 2010



1 2 3 4

PRODUCT NUMBER
51890-002--
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 51890-002 AND 51890-002LF 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. $\varnothing .0453 \pm 0.0010$ [1.151 $\pm$ 0.025] DRILLED HOLES PLATED WITH
0.0003 [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 NOTES		tolerances unless otherwise specified		CUSTOMER		FCI	
ltr	ecr no.	dr	date	linear	.XX±.01/0.XX±0.3		COPY		www.fciconnect.com		
E					.XXX±.01/0.XX±0.13		projection		title 9P +32S +4P		
					.XXX±.01/0.XX±0.051				RIGHT ANGLE SOLDER HEADER		
				angles	0°±2°		INCH/MM		product family PwrBlade		code
				dr	J. SHAFFER	02-08-01	scale 1:1		size		213
				enrg	J. DODDS	02-08-01			dwg no		sheet
				chr	J. DODDS	02-08-01			A 51890-002		4
				appd	J. DODDS	02-08-01					
sheet index		revision sheet									

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