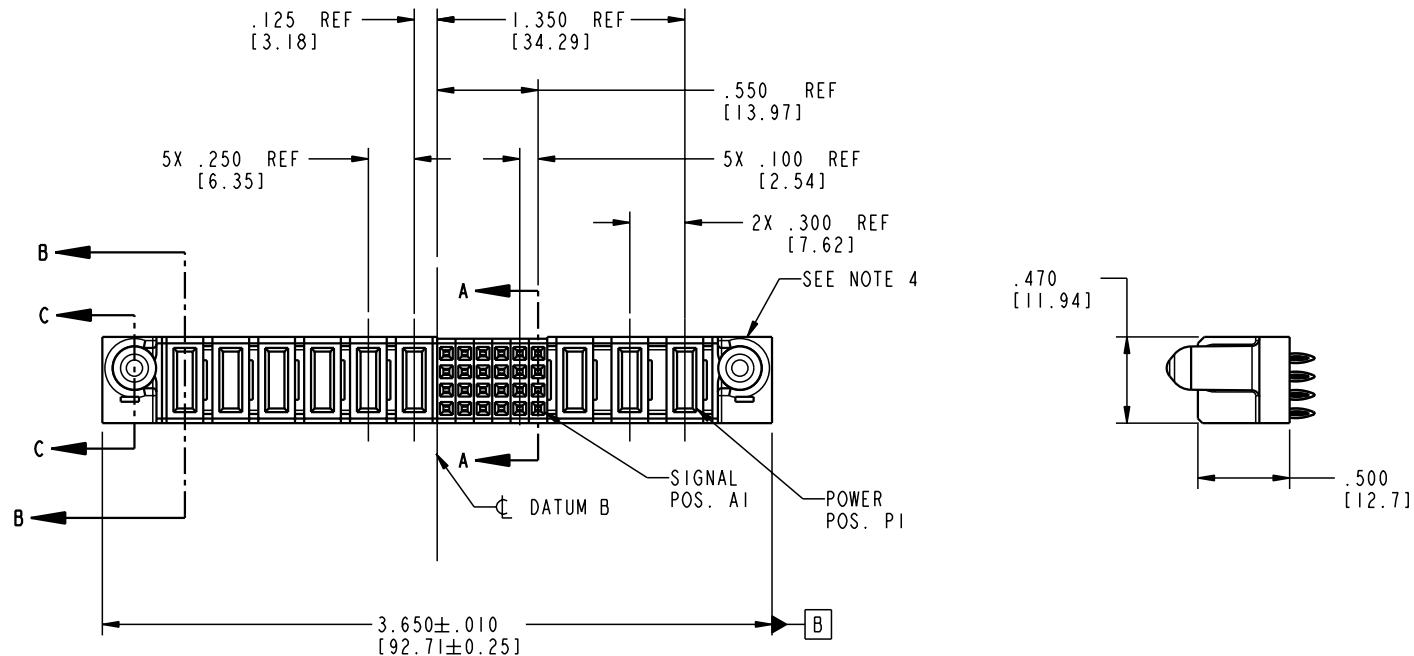


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PRODUCT NO.	ROWS	POWER								SIGNAL					POWER			
		E2	P9	P8	P7	P6	P5	P4	6	5	4	3	2	1	P3	P2	P1	E1
51940-047	D C B A																	



CODE	DIM "M" MATING LENGTH	CONTACT TYPE
PF	.092 [2.34]	POWER
F	N/A [N/A]	SIGNAL
PC	.042 [1.07]	POWER

mat'l code				SEE NOTE 2				tolerances unless otherwise specified				CUSTOMER			
lfr	ecn no.	dr	date	linear				.XX±.01/0.X±0.3				COPY			
A	V03-0705	MEM	6/25/03	linear				.XXX±.005/0.XX±0.13				projection			
				angles				.XXXX±.0020/0.XXX±0.051							
				dr				0°±2°				INCH/MM			
				enrg				M. MOSTOLLER 6/25/03				scale			
				chr				H. BREWBAKER 6/25/03				1:1			
				appd				M. MOSTOLLER 6/25/03							
sheet index	revision sheet	A	A	A	A										
		1	2	3	4										

FCI				www.fciconnect.com			
title				3ACP + 24S + 6P			
product family				PwrBlade			
size				dwg no			
A				51940-047			
code				213			
sheet				1 of 4			

cage code 22526

Pro/E

PDM: Rev:A

STATUS: Released

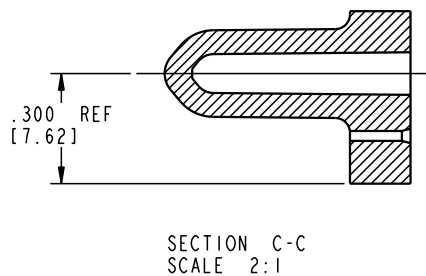
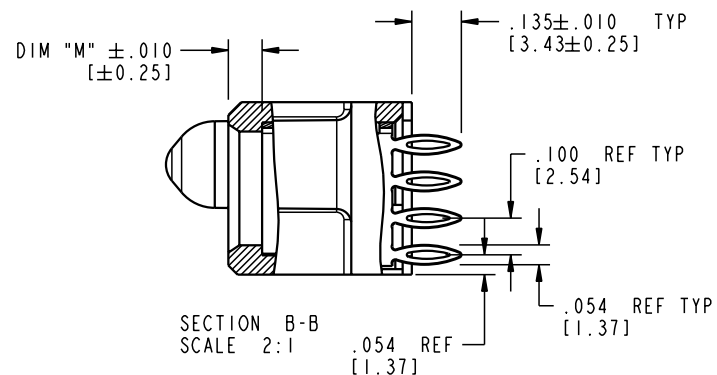
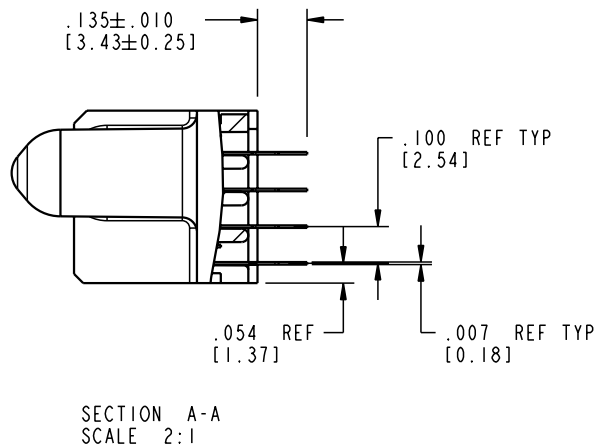
Printed: Aug 14, 2007

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PRODUCT NUMBER
51940-047



mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		A FCI www.fciconnect.com	
litr	ecr no.	dr	date	linear	.XX±.01/0.X±0.3	projection	COPY	title		3ACP + 24S + 6P	
A				linear	.XXX±.005/0.XX±0.13	INCH/MM	1:1	product family		PwrBlade	
				angles	.XXXX±.0020/0.XXX±0.051	scale		size		dwg no	
				dr	M. MOSTOLLER 6/25/03			A		51940-047	
				enrg	M. MOSTOLLER 6/25/03					213	
				chr	H. BREWBAKER 6/25/03					sheet	
				appd	M. MOSTOLLER 6/25/03					2 of 4	
sheet index	revision sheet										

Pro/E

cage code
22526

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FCI

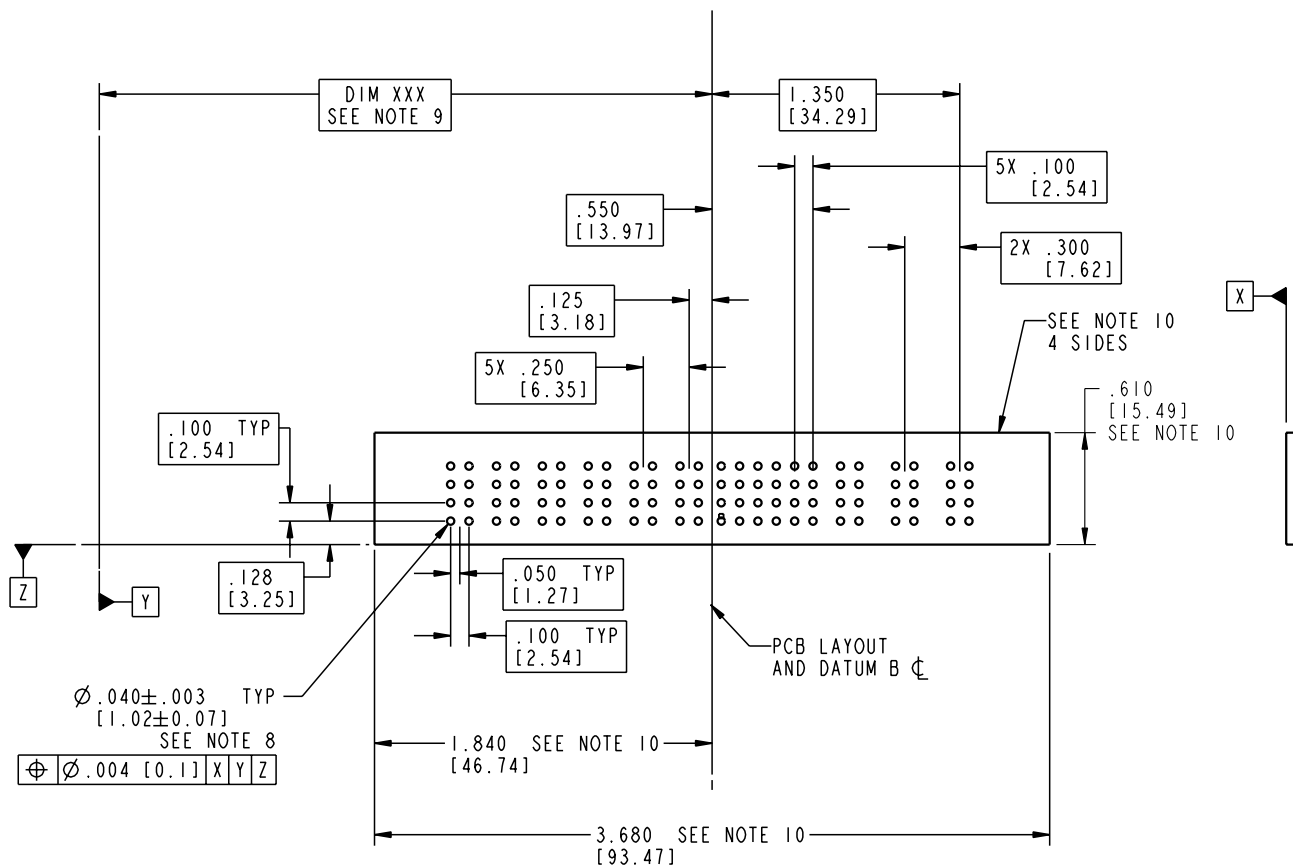
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A

B

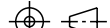
PRODUCT NUMBER

51940-047



A

B

mat'l code				SEE NOTE 2				tolerances unless otherwise specified				CUSTOMER				A FCI www.fciconnect.com						
lfr		ecr no.		dr		date		linear	.XX $\pm$.01/0.X $\pm$ 0.3				COPY				title 3ACP + 24S + 6P VERTICAL PRESS FIT RECEPT					
A									.XXX $\pm$.005/0.XX $\pm$ 0.13				projection									
									angles	.XXX $\pm$.0020/0.XXX $\pm$ 0.051												
										0 $\pm$ 2°												
								dr	M. MOSTOLLER		6/25/03		INCH/MM		product family		PwrBlade		code			
								enrg	M. MOSTOLLER		6/25/03				size		dwg no		213			
								chr	H. BREWBAKER		6/25/03				scale		A		51940-047		sheet 3 of 4	
								appd	M. MOSTOLLER		6/25/03											
sheet index		revision sheet																				

Pro/E

cage code 22526

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B

1 | 2

3 |

4

PRODUCT NUMBER

51940-047

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:

SIGNAL PINS: 30u"/0.76um Au OVER 50u"/1.27um Ni

POWER CONTACTS: 50u"/1.27um Ni UNDER ALL
WITH 30u"/0.76um Au ON CONTACT AREA
AND SnPb ON PCB INTERFACE

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:

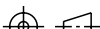
6. ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE.

7. MOUNTING HOLES, WHERE APPLICABLE, ARE UNPLATED.

⑧ $\varnothing .0453 \pm .0010$ [1.151 $\pm$ 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.

⑨ "DIM XXX" TO BE DETERMINED BY THE CUSTOMER.

⑩ CONNECTOR KEEP-OUT ZONE.

mat'l code				SEE NOTE 2				tolerances unless otherwise specified				CUSTOMER				 www.fciconnect.com				
lfr		ecn no.		dr		date		linear	$.XX \pm .01/0.X \pm 0.3$				COPY				 title 3ACP + 24S + 6P VERTICAL PRESS FIT RECEPT			
A									$.XXX \pm .005/0.XX \pm 0.13$											
									$.XXX \pm .0020/0.XXX \pm 0.051$											
									angles	$0^\circ \pm 2^\circ$										

A

B

1 | 2

Pro/E

3 |

cage code 22526

4