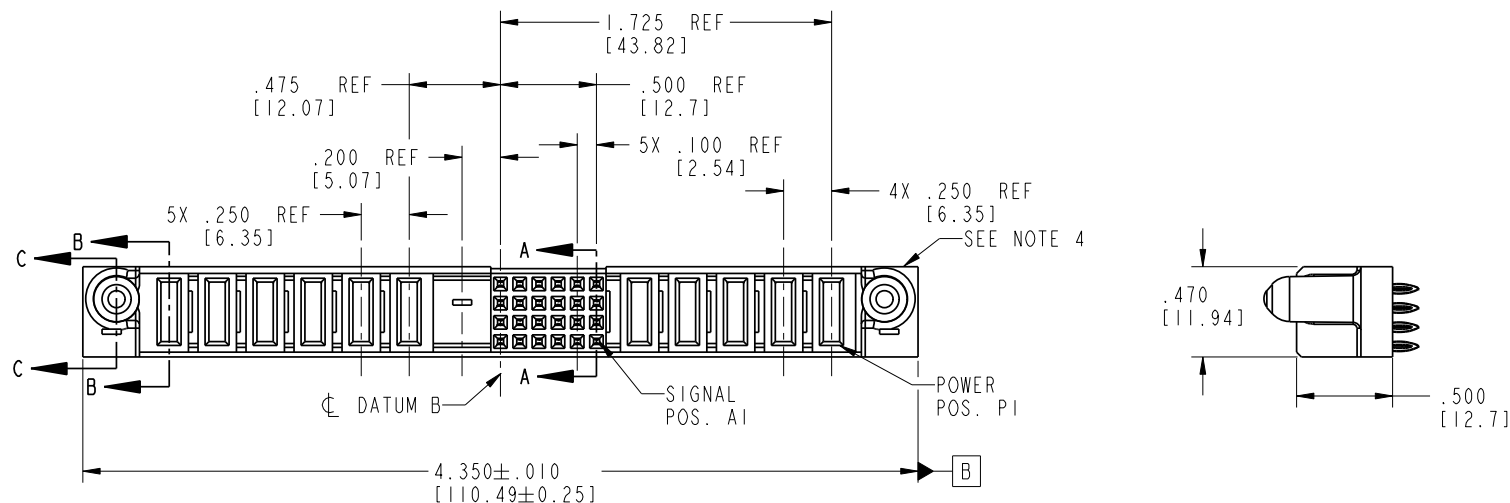


PRODUCT NO.	ROWS	POWER							HOLD	SIGNAL					POWER					E1
		E2	P11	P10	P9	P8	P7	P6		6	5	4	3	2	1	P5	P4	P3	P2	
51940-054-- NOTE: 3	D C B A																			



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

mat'l code				SEE NOTE 2				tolerances unless otherwise specified				CUSTOMER				A FCI www.fciconnect.com			
lfr		ecn no.		dr		date		linear		$XX \pm .01/0.X \pm 0.3$ $XXX \pm .005/0.XX \pm 0.13$ $XXXX \pm .0020/0.XXX \pm 0.051$		projection				title 5P + 24S + 1M + 6P VERTICAL PRESS-FIT RECEPTACLE			
A		V03-0891		TAB		08/14/03													
B		DG05-0304		GuoJM		09/27/05		angles		$0^\circ \pm 2^\circ$									
								dr		T.BRUNGARD 08/14/03		INCH/MM				product family PwrBlade		code	
								engr		M. MOSTOLLER 08/14/03		scale				size		dwg no	
								chr		M. MOSTOLLER 08/14/03		1:1				A		51940-054	
								appd		M. MOSTOLLER 08/14/03								213	
																		sheet	
																		1 of 4	
sheet index		revision sheet		B 1		B 2		B 3		B 4									

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FCI

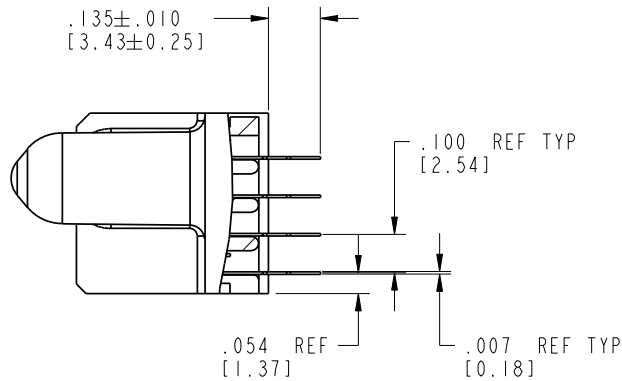
A

B

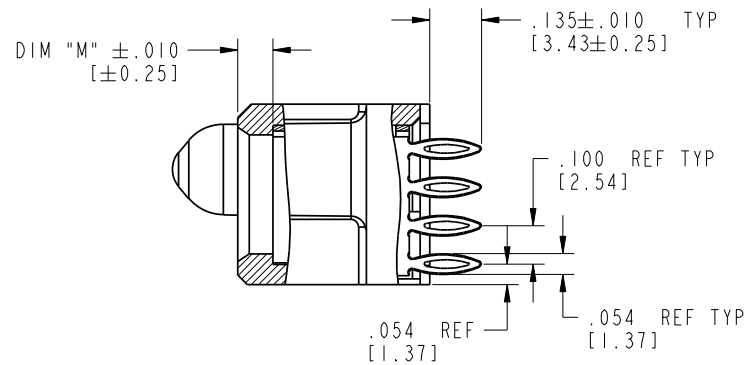
PRODUCT NUMBER

51940-054__

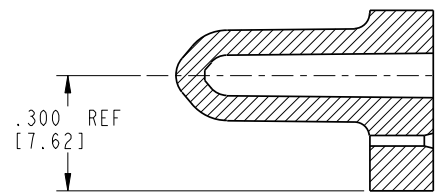
NOTE: 3



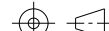
SECTION A-A
SCALE 2:1



SECTION B-B
SCALE 2:1



SECTION C-C
SCALE 2:1

mat'l code				SEE NOTE 2				tolerances unless otherwise specified				CUSTOMER				A FCI www.fciconnect.com				
lir		ecn no.		dr		date		linear	.XX±.01/0.X±0.3				COPY				projection  INCH/MM scale 1:1			
B									.XXX±.005/0.XX±0.13											
									.XXXX±.0020/0.XXX±0.051											
								angles	0°±2°											
								dr	T.BRUNGARD 08/14/03				product family PwrBlade				code 213			
								enrg	M. MOSTOLLER 08/14/03											
								chr	M. MOSTOLLER 08/14/03											
								oppd	M. MOSTOLLER 08/14/03				size				dwg no			
													A				51940-054			
sheet index		revision sheet																		

code code 22526

STAT: Released Printed: Dec 20, 2010

Pro/E

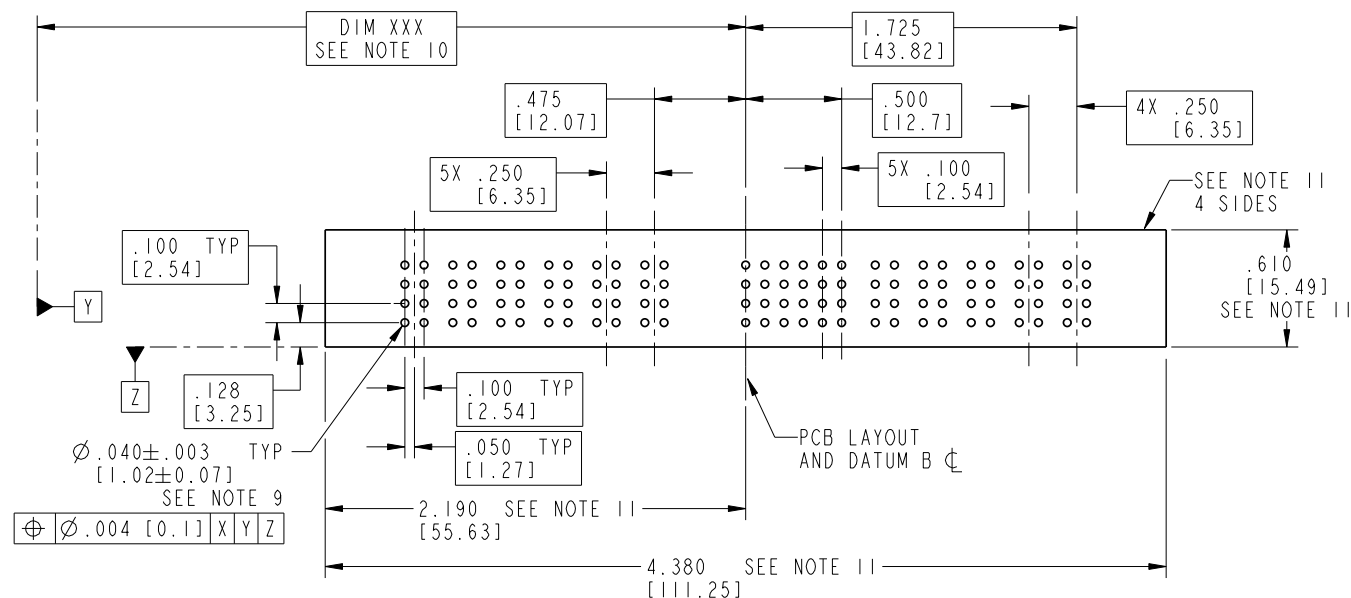
PDM: Rev: B



A

—
O
E

B

[illegible]

code code 22526
US: **Released**

Printed: Dec 20, 2010

Pro/E

PDM: Rev: B

STATUS: **Released**

Printed: Dec 20, 2010

PRODUCT NUMBER

51940-054__
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. PLATING:

51940-054 Singal Pin:30u"/0.76um Au OVER 50u"/1.27um Ni ON THE CONTACT AREA,
AND 100u"/2.54um SnPb PLATING OVER 50u"/1.27um Ni ON THE TERMINATION SECTION.
Power Pin:30u"/0.76um Au OVER 50u"/1.27um Ni ON THE CONTACT AREA,
AND 100u"/2.54um SnPb PLATING OVER 50u"/1.27um Ni ON THE TERMINATION SECTION.

51940-054LF Singal Pin:30u"/0.76um Au OVER 50u"/1.27um Ni ON THE CONTACT AREA,
AND 78u"/2.00um Sn PLATING OVER 50u"/1.27um Ni ON THE TERMINATION SECTION.
Power Pin:30u"/0.76um Au OVER 50u"/1.27um Ni ON THE CONTACT AREA,
AND 78u"/2.00um Sn PLATING OVER 50u"/1.27um Ni ON THE TERMINATION SECTION.

PART NUMBER 51940-054LF MEETS EUROPEAN UNION DIRECTIVE AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.

THE HOUSING WILL WITHSTAND EXPOSURE TO 260° PEAK TEMPERATURE FOR 10 SECONDS IN A WAVE SOLDER APPLICATION WITH A CIRCUIT BOARD.

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:

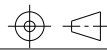
7. ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE.

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.

mat'l code				SEE NOTE 2				tolerances unless otherwise specified				CUSTOMER				A FCI www.fciconnect.com			
lir	ecn no.	dr	date	linear	.XX $\pm$.01/0.X $\pm$ 0.3				COPY				title 5P + 24S + 1M + 6P VERTICAL PRESS-FIT RECEPT						
B					.XXX $\pm$.005/0.XX $\pm$ 0.13				projection										
					.XXXX $\pm$.0020/0.XXX $\pm$ 0.051														
					angles	0° $\pm$ 2°				INCH/MM									
				dr	T.BRUNGARD		08/14/03						product family PwrBlade				code		
				engr	M. MOSTOLLER		08/14/03						size dwg no				213		
				chr	M. MOSTOLLER		08/14/03						A 51940-054				sheet		
				appd	M. MOSTOLLER		08/14/03						4 of 4						
sheet index		revision sheet																	