

















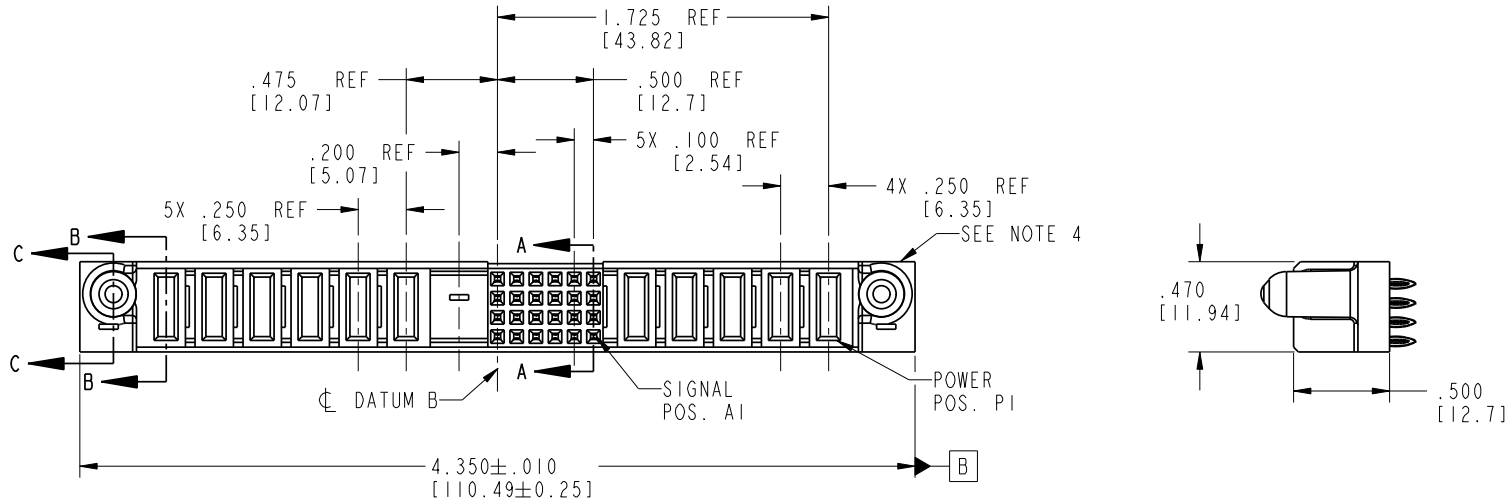


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FCI

PRODUCT NO.	ROWS		POWER						HOLD	SIGNAL					POWER					
		E2	P11	P10	P9	P8	P7	P6		6	5	4	3	2	1	P5	P4	P3	P2	P1
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	
lir	ecn no.	dr	date	linear	angles	.XX±.01/0.X±0.3		COPY		title	
A	V03-0891	TAB	08/14/03			.XXX±.005/0.XX±0.13		projection		5P + 24S + 1M + 6P	
B	DG05-0304	GuoJM	09/27/05			.XXXX±.0020/0.XXX±0.051		INCH/MM		VERTICAL PRESS-FIT RECEPT	
						0°±2°		scale		product family	
						1:1		PwrBlade		code	
								size		213	
								dwg no		sheet	
								A		1 of 4	
								51940-054			
sheet index	revision	B	B	B	B						
	sheet	1	2	3	4						

Pro/E

PDM: Rev:B

STAT: Released

Printed: Dec 20, 2010

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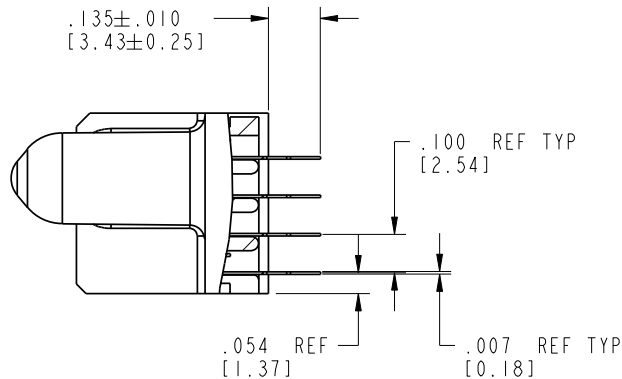
A

B

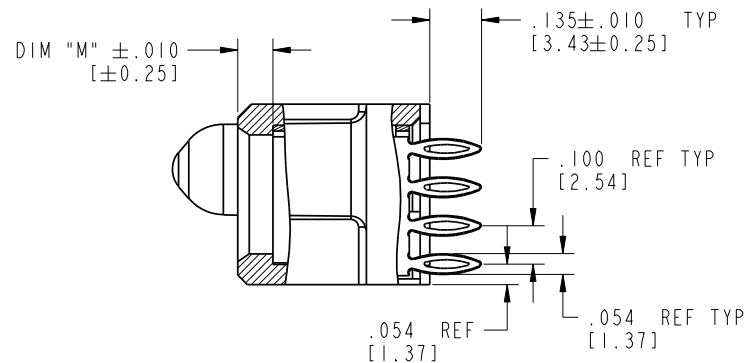
PRODUCT NUMBER

51940-054__

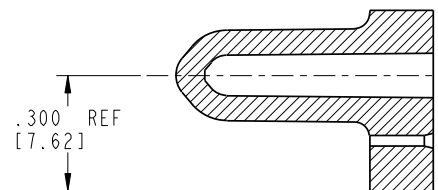
NOTE: 3



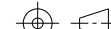
SECTION A-A
SCALE 2:1



SECTION B-B
SCALE 2:1



SECTION C-C
SCALE 2:1

mat'l code				SEE NOTE 2				tolerances unless otherwise specified				CUSTOMER				<div><div>A</div><div>FCI</div><div>www.fciconnect.com</div></div>							
lir		ecr no.		dr		date		linear	.XX±.01/0.X±0.3				COPY				<div><div>projection</div><div></div><div>INCH/MM</div><div>scale 1:1</div></div>						
B									.XXX±.005/0.XX±0.13														
									.XXXX±.0020/0.XXX±0.051														
								angles	0°±2°														
				dr		T.BRUNGARD		08/14/03		INCH/MM				product family				PwrBlade				code	
				enrg		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										2 of 4					
sheet index		revision sheet																					

1 | 2

Pro/E

PDM: Rev: B

STAT: US: Released

Printed: Dec 20, 2010

AFI

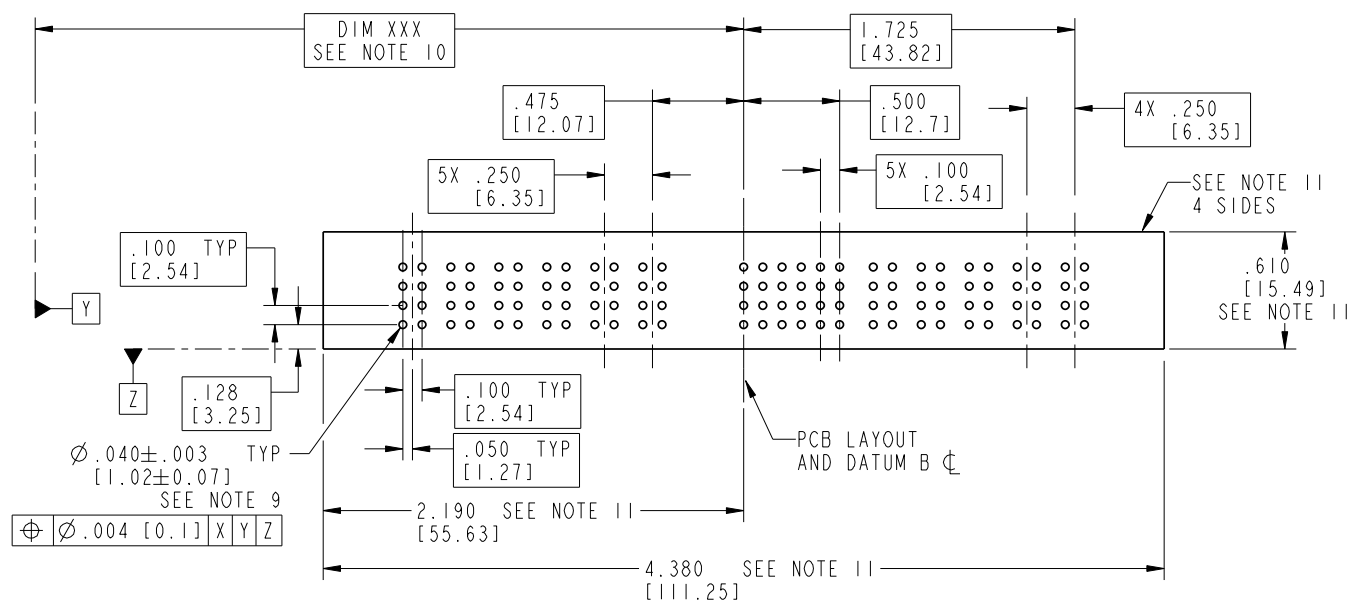
1 | 2

3

4

PRODUCT NUMBER

51940-054__
NOTE: 3

[illegible]

US: **Released**

Printed: Dec 20, 2010

Pro/E

PDM: Rev:B

STATUS: **Released**

4

B

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				<div><div>A</div><div>FCI</div><div>www.fciconnect.com</div></div>			
lfr	ecn no.	dr	date	linear	.XX \pm .01/0.X \pm 0.3				COPY				<div>projection</div> <div></div> <div>INCH/MM</div> <div>scale 1:1</div>	title 5P + 24S + 1M + 6P					
B					.XXX \pm .005/0.XX \pm 0.13									VERTICAL PRESS-FIT RECEPT					
					.XXX \pm .0020/0.XXX \pm 0.051														
					angles 0° \pm 2°														
				dr	T.BRUNGARD			08/14/03			product family PwrBlade				code				
				engr	M. MOSTOLLER			08/14/03							213				
				chr	M. MOSTOLLER			08/14/03							sheet				
				appd	M. MOSTOLLER			08/14/03							4 of 4				
sheet index		revision sheet																	

Mouser Electronics

Authorized Distributor

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