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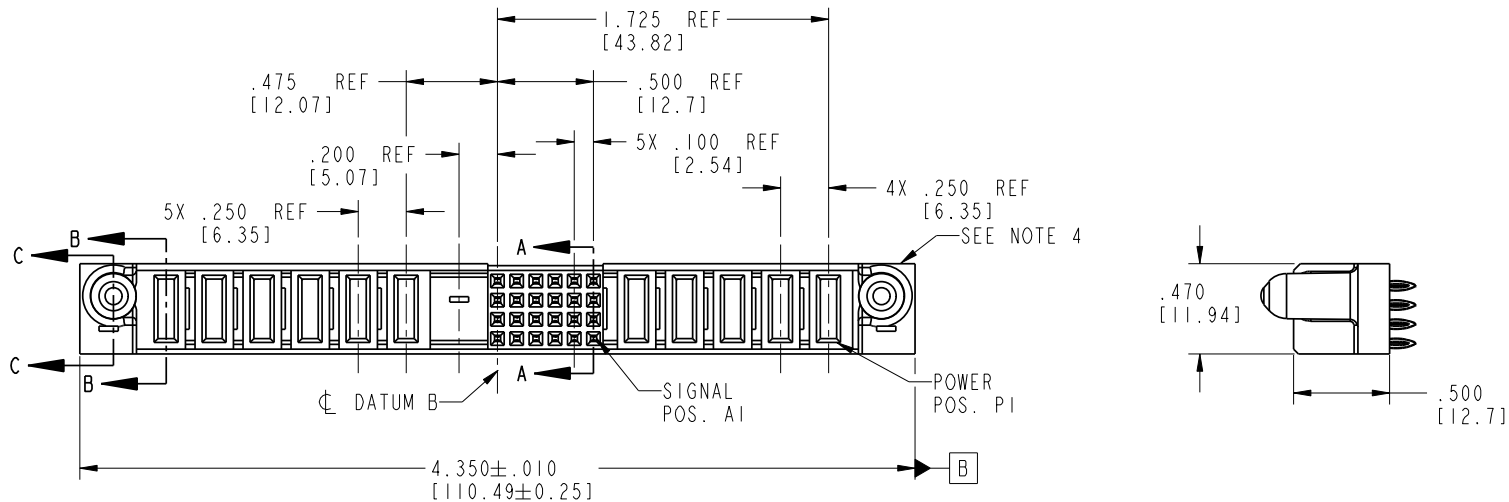
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FCI

A

B

PRODUCT NO.	ROW S		POWER						HOLD	SIGNAL					POWER						
		E2	P11	P10	P9	P8	P7	P6		6	5	4	3	2	1	P5	P4	P3	P2	P1	E1
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	projection	angles	dr	enrg	chr	appd	scale	product family	code
A	V03-0891	TAB	08/14/03	.XX ± .01 / 0.X ± 0.3	.XXX ± .005 / 0.XX ± 0.13	.XXX ± .0020 / 0.XXX ± 0.051	T.BRUNGARD	M. MOSTOLLER	M. MOSTOLLER	M. MOSTOLLER	1:1	PwrBlade	213
B	DG05-0304	GuoJM	09/27/05	0° ± 2°			08/14/03	08/14/03	08/14/03	08/14/03		size	sheet
												dwg no	1 of 4
												A	51940-054
sheet index	revision	B	B	B	B								
	sheet	1	2	3	4								

A

B

Pro/E

PDM: Rev:B

STAT: Released

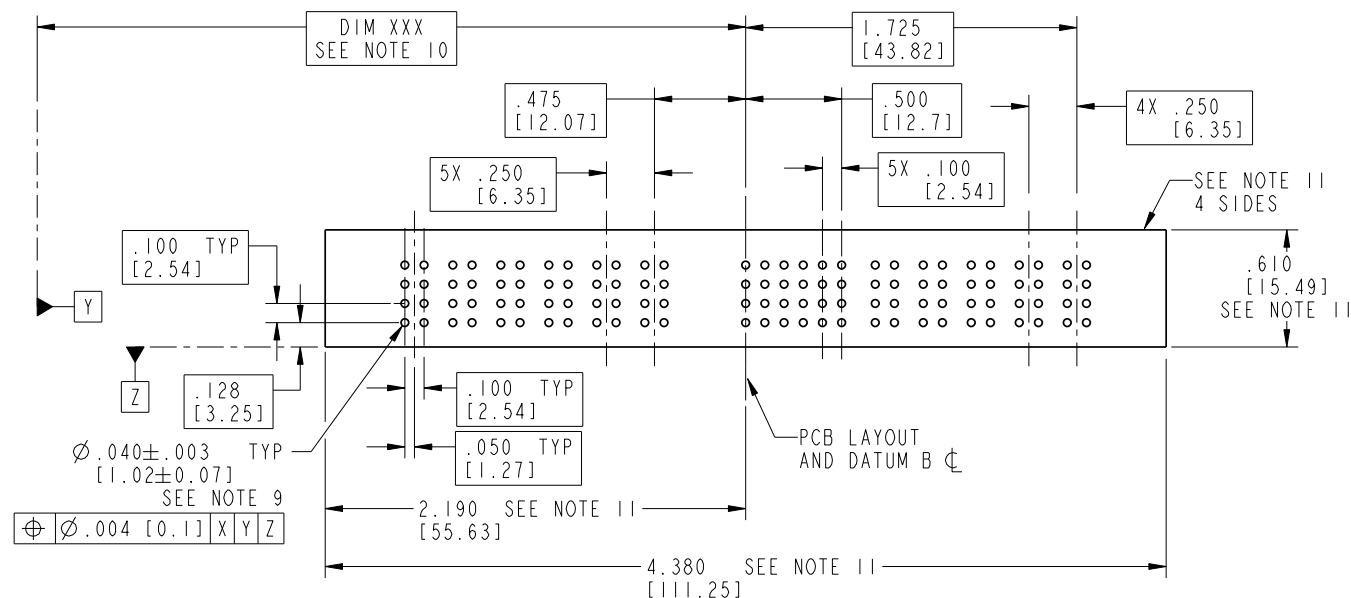
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[illegible]

FCI

A

B

1 | 2

3

4

A

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:

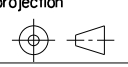
7. ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE.

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				 www.fciconnect.com			
lfr	ecn no.	dr	date	linear	$.XX \pm .01 / 0.X \pm 0.3$				COPY										
B					$.XXX \pm .005 / 0.XX \pm 0.13$				projection										
					$.XXXX \pm .0020 / 0.XXX \pm 0.051$				INCH/MM										
					$0^\circ \pm 2^\circ$				scale										
				angles															
				dr	T. BRUNGARD 08/14/03								product family PwrBlade						
				engr	M. MOSTOLLER 08/14/03								size						
				chr	M. MOSTOLLER 08/14/03								dwg no						
				appd	M. MOSTOLLER 08/14/03								A 51940-054						
sheet index		revision sheet																	

1 | 2

Pro/E

PDM: Rev: B

STAT: 

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