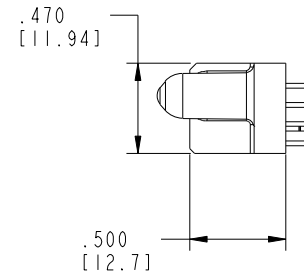
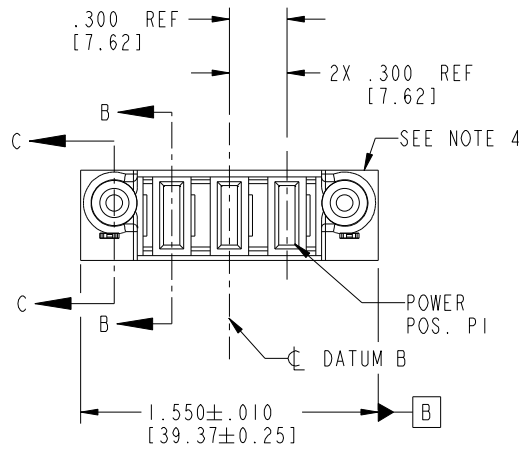


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PRODUCT NO. 51940-059-- NOTE:3	POWER				
	E2	P3	P2	P1	E1



CODE	DIM "M" MATING LENGTH	CONTACT TYPE
PA	.042 [1.07]	POWER
PD	.092 [2.34]	POWER
HA	N/A [N/A]	HOLD-DOWN

mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		FCI www.fciconnect.com	
lir	ecn no.	dr	date	linear	.XX±.01/0.X±0.3	projection		COPY		title 3P VERTICAL SOLDER RECEPT	
A	V03-1078	TAB	09/30/03		.XXX±.005/0.XX±0.13	INCH/MM		product family PwrBlade		code 213	
B	DG05-0490	CS	11/22/05	angles	.XXX±.0020/0.XXX±0.051	scale 1:1		size dwg no		sheet 1 of 4	
C	DG09-0172	WL	05/26/09		0°±2°			A 51940-059			
				dr	T. BRUNGARD 09/30/03						
				engr	M. GRAY 09/30/03						
				chr	M. GRAY 09/30/03						
				appd	M. GRAY 09/30/03						
sheet index	revision sheet	C 1	C 2	C 3	C 4						

Pro/E

PDM: Rev:C

STAT: Released

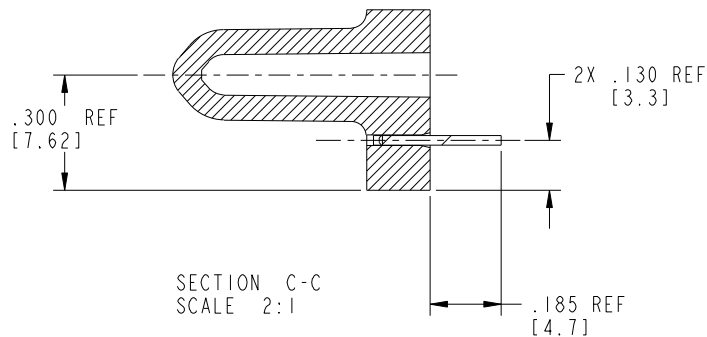
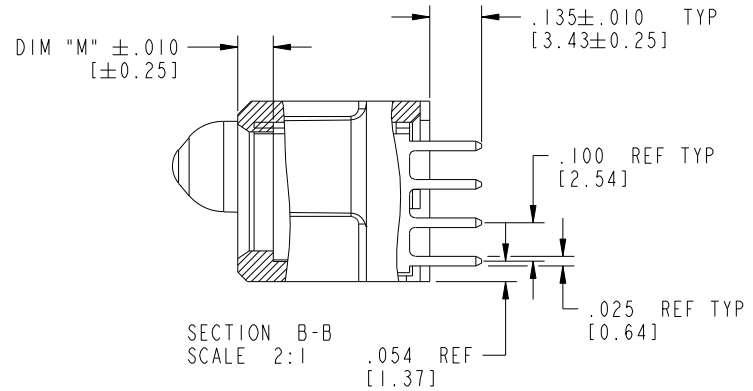
Printed: Dec 20, 2010

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PRODUCT NUMBER  
51940-059--  
NOTE:3



mat'l code		SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com	
ltr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3	projection	title		
C					.XX±.005/0.XX±0.13		3P		
				angles	.XXX±.0020/0.XXX±0.051		VERTICAL SOLDER RECEPT		
				dr	T. BRUNGARD 09/30/03	INCH/MM	product family		code
				enr	M. GRAY 09/30/03	scale	PwrBlade		213
				chr	M. GRAY 09/30/03	1:1	size	dwg no	sheet
				appd	M. GRAY 09/30/03		A	51940-059	2 of 4
sheet index	revision sheet								

Pro/E

PDM: Rev: C

STATUS: Released

Printed: Dec 20, 2010

1 | 2

3 |

4

A

A

B

B

1 | 2

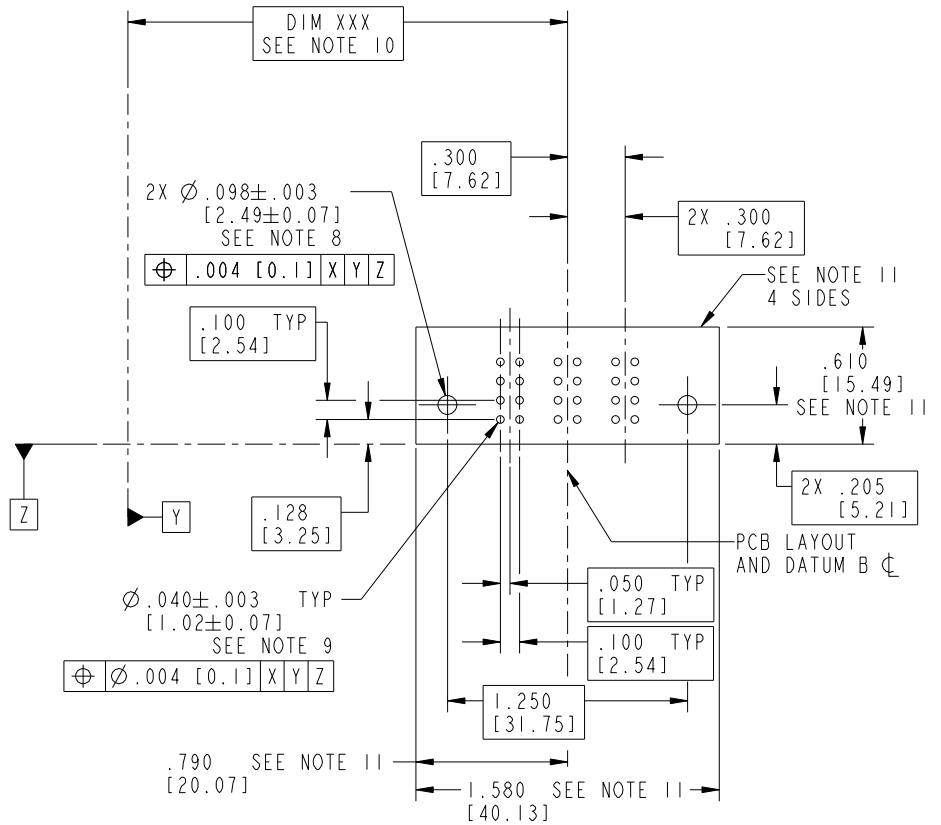
4

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PRODUCT NUMBER  
51940-059--  
NOTE:3



mat'l code		SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		FCI		www.fciconnect.com	
lfr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3	projection	COPY	title 3P			
C				angles	.XX±.005/0.XX±0.13	INCH/MM		VERTICAL SOLDER RECEPT			
				enr	.XXX±.002/0.XXX±0.051	scale		product family PwrBlade		code 213	
				chr	0°±2°	1:1		size 51940-059		sheet 3 of 4	
				appd	T. BRUNGARD 09/30/03			A			
					M. GRAY 09/30/03						
					M. GRAY 09/30/03						
					M. GRAY 09/30/03						
sheet index	revision sheet										

Pro/E

PDM: Rev: C

STATUS: Released

Printed: Dec 20, 2010

PRODUCT NUMBER  
 51940-059--  
 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:  
 SEE ITEM 5 & 6 IN PRINT 10064183 FOR PLATING SPEC OF 51940-059; 51940-059LF PRESPECTIVELY

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.

12. A  $\Delta$  SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.

mat'l code		SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		FCJ		www.fciconnect.com	
ltr	ecn no.	dr	date	linear	.XX $\pm$ .01 / 0.X $\pm$ 0.3	COPY		title		3P	
C				projection	.XXX $\pm$ .005 / 0.XX $\pm$ 0.13			VERTICAL SOLDER RECEPT		product family	
				angles	.XXX $\pm$ .0020 / 0.XXX $\pm$ 0.051	INCH/MM		PwrBlade		code	
				dr	0° $\pm$ 2°	scale		size		213	
				enr	T. BRUNGARD 09/30/03	1:1		A		sheet	
				chr	M. GRAY 09/30/03			51940-059		4 of 4	
				appd	M. GRAY 09/30/03						
sheet index	revision sheet										

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