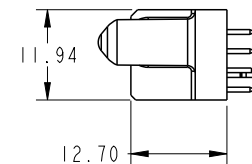
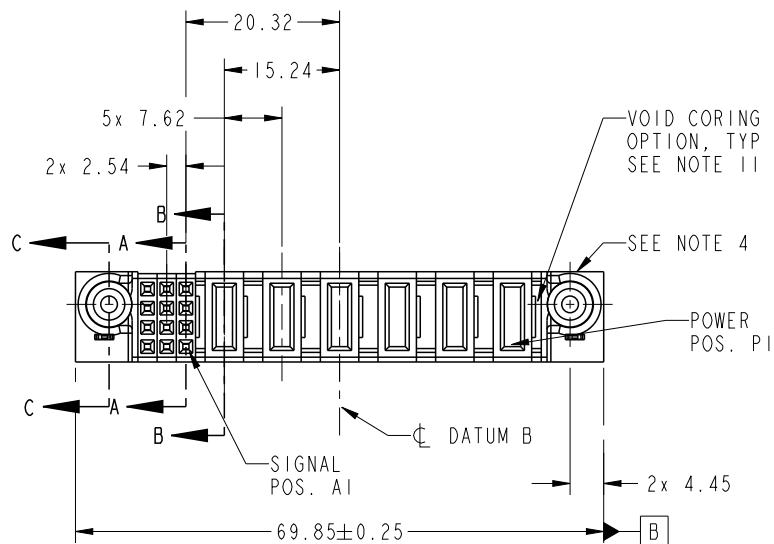




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PRODUCT NO.	ROWS	SIGNAL					POWER					E1
		E2	3	2	1	P6	P5	P4	P3	P2	P1	
51940-582LF	D C B A											



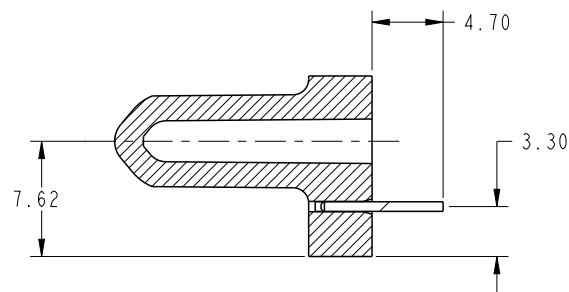
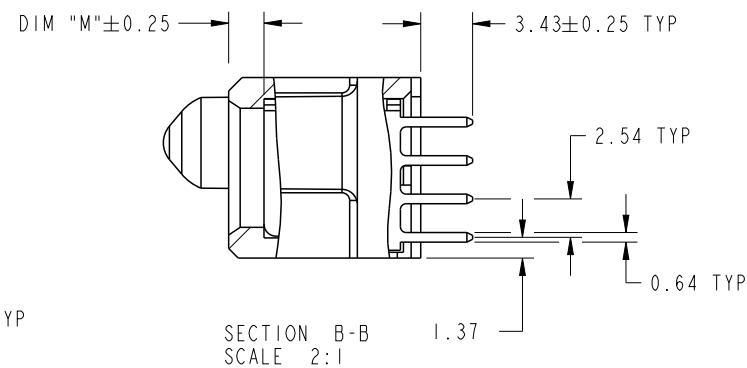
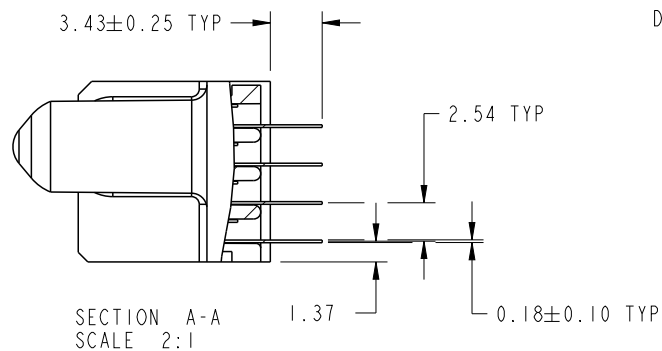
CODE	DIM "M" MATING LENGTH	CONTACT TYPE
E	[N/A]	SIGNAL
PD	[2.34]	POWER
PA	[1.07]	POWER
HA	[N/A]	HOLD-DOWN
X	[N/A]	OMITTED

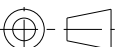
spec ref *				dr	Ruan MT	2015/08/26	projection	MM	size	A4	scale	1:1
tolerance std				eng	Ruan MT	2015/09/11			ecn no -			
SEE NOTE				chr	Fancy Zhang	2015/09/11			rel level Released			
				appr	Pei-Ming Zheng	2015/09/11			product family PwrBlade			
surface ✓	linear	0.X	±0.5		6ACP + 12S VERTICAL STB RECEIPT			dwg no	51940-582		rev	A
		0.XX	±0.25									
		0.XXX	±0.1									
	angular	0°	±2°	www.fci.com	cat. no. *		Product - Customer Drw			sheet 1 of 4		

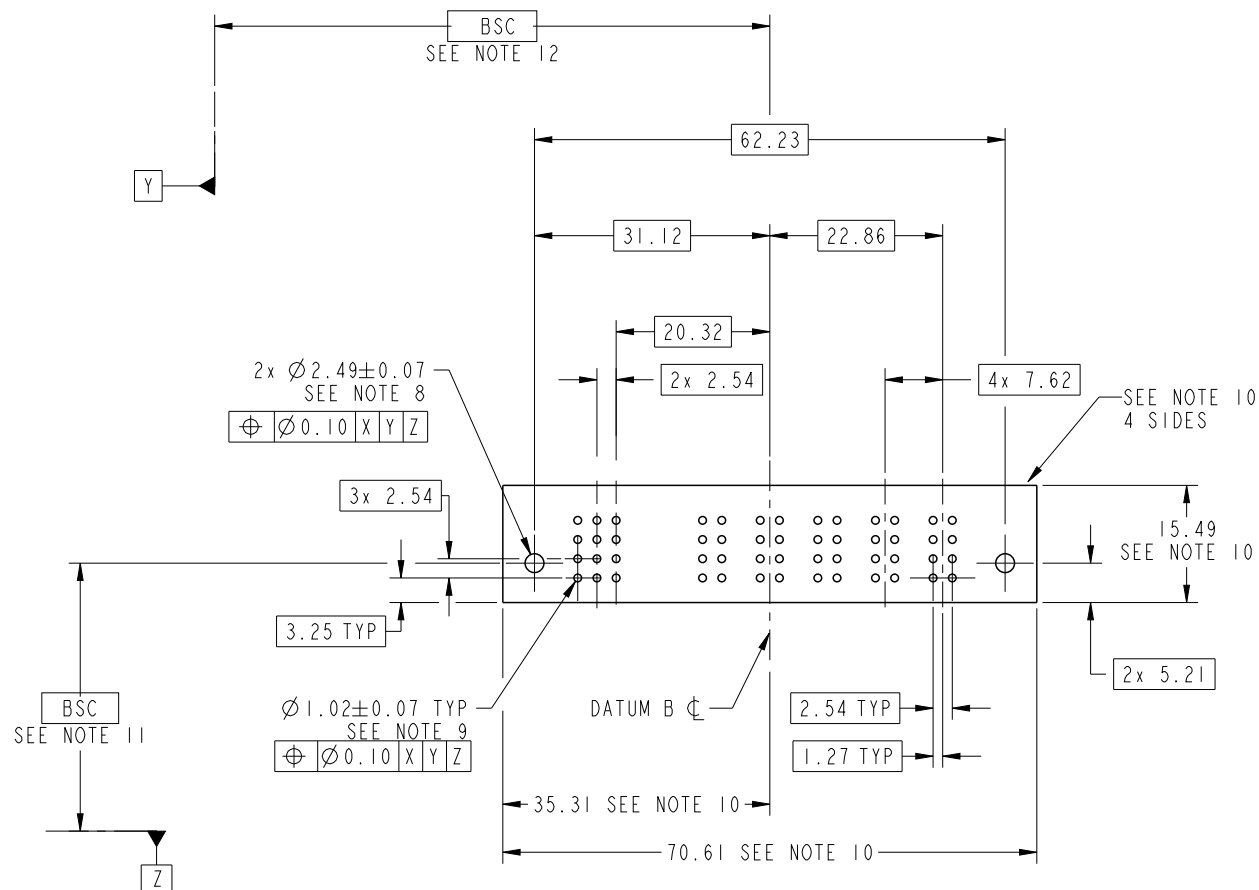
PrintE File - REV C - 2009-06-09

PRODUCT NUMBER

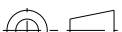
51940-582LF



dr	Ruan MT	2015/08/26	projection 	MM 	size	A4	scale	1:1						
eng	Ruan MT	2015/09/11			ecn no	-								
chr	Fancy Zhang	2015/09/11			rel level	Released								
appr	Pei-Ming Zheng	2015/09/11	product family		PwrBlade									
			title			6ACP + 12S		dwg no		51940-582		rev		
			VERTICAL STB RECEPT								A			
www.fci.com			cat. no.			*			Product - Customer Drw			sheet 2 of 4		



RECOMMENDED PCB LAYOUT

dr	Ruan MT	2015/08/26	projection 	MM 	size	A4	scale	1:1	
eng	Ruan MT	2015/09/11			ecn no				-
chr	Fancy Zhang	2015/09/11			rel level				Released
appr	Pei-Ming Zheng	2015/09/11	product family		PwrBlade				
	title 6ACP + 12S VERTICAL STB RECEIPT				dwg no 51940-582		rev		
							A		
www.fci.com	cat. no.		*	Product - Customer Drw			sheet 3 of 4		



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PRODUCT NUMBER
51940-582LF

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. SEE FCI PLATING SPEC 10064183.

4 MANUFACTURER'S NAME, DATE CODE AND OPTIONAL P/N TO APPEAR ON
THIS SURFACE. THE MARK CAN BE OMITTED IF THERE IS NOT ENOUGH
SPACE 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 $\varnothing 1.151 \pm 0.025$ DRILLED HOLES PLATED WITH
0.008 MIN SnPb OR Sn OVER 0.03
TO 0.08 Cu PLATING TO ACHIEVE
 $\varnothing 1.02 \pm 0.07$ HOLE.

10 CONNECTOR KEEP-OUT ZONE.

11. THE VOID CORING IN BETWEEN POWER MODULES, SIGNAL MODULES AND END MODULES ARE
OPTIONAL AND THE SHAPE MAY BE DIFFERENT FOR OPTIMIZE THE MOLDING PROCESS. THE VOID
CORING WILL NOT EFFECT TO PRODUCT FUNCTION.

12. DATUM AND BASIC DIMENIONS ARE ESTABLISHED BY CUSTOMER.

dr	Ruan MT	2015/08/26	projection	MM	size	A4	scale	1:1			
eng	Ruan MT	2015/09/11			ecn no	-					
chr	Fancy Zhang	2015/09/11									
appr	Pei-Ming Zheng	2015/09/11	product family		PwrBlade	rel level	Released				
		title			6ACP + 12S		dwg no	51940-582	rev	A	
VERTICAL STB RECEIPT											
www.fci.com		cat. no.		*	Product - Customer Drw			sheet 4 of 4			