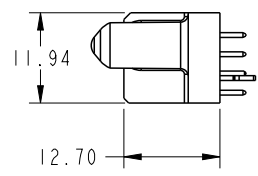
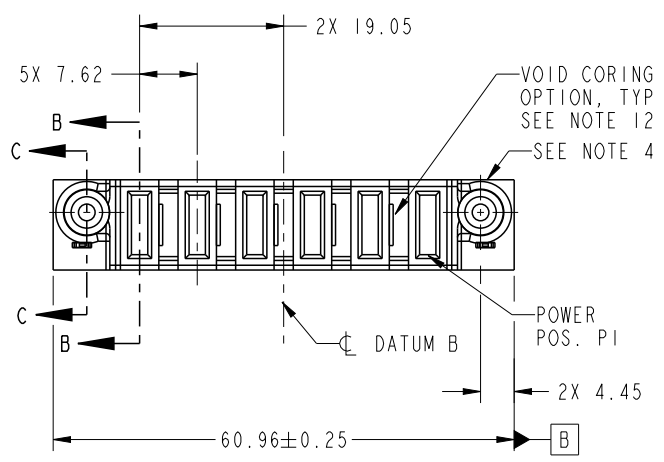
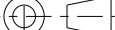






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PRODUCT NO.	POWER						
	E2	P6	P5	P4	P3	P2	P1
51940-451-- NOTE: 3		PA	PA	PA	PA	PA	PA

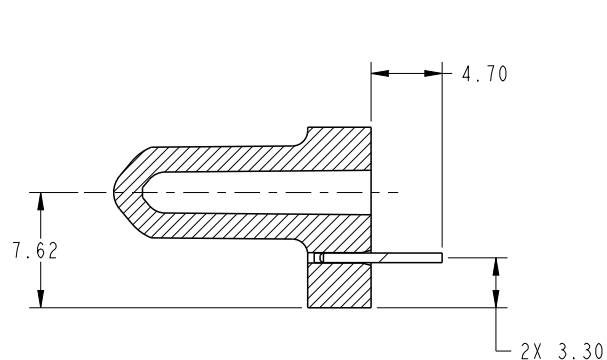


spec ref *				dr	Ruan MT	2012/07/31	projection 	MM 	size	A4	scale	1:1
tolerance std  SEE NOTE	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Luo Weller	2012/09/27			ecn no	-		
				chr	-	-			rel level <b>Released</b>			
				appr	Pei-Ming Zheng	2012/09/27						product family PwrBlade
surface ✓	linear	0.X	±0.5		title	6ACP  VERTICAL SOLDER RECEPT			dwg no	51940-451		rev  <b>A</b>
		0.XX	±0.25									
		0.XXX	±0.1									
		angular	0°	±2°	www.fci.com	cat. no.	*	Product - Customer Drw			sheet 1 of 4	

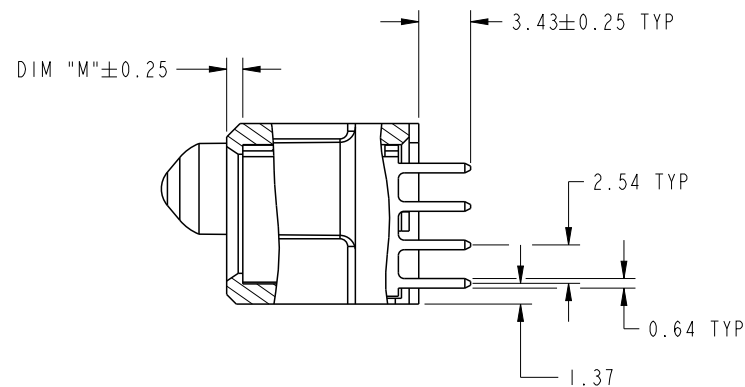
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PRODUCT NUMBER

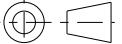


51940-451--  
NOTE: 3

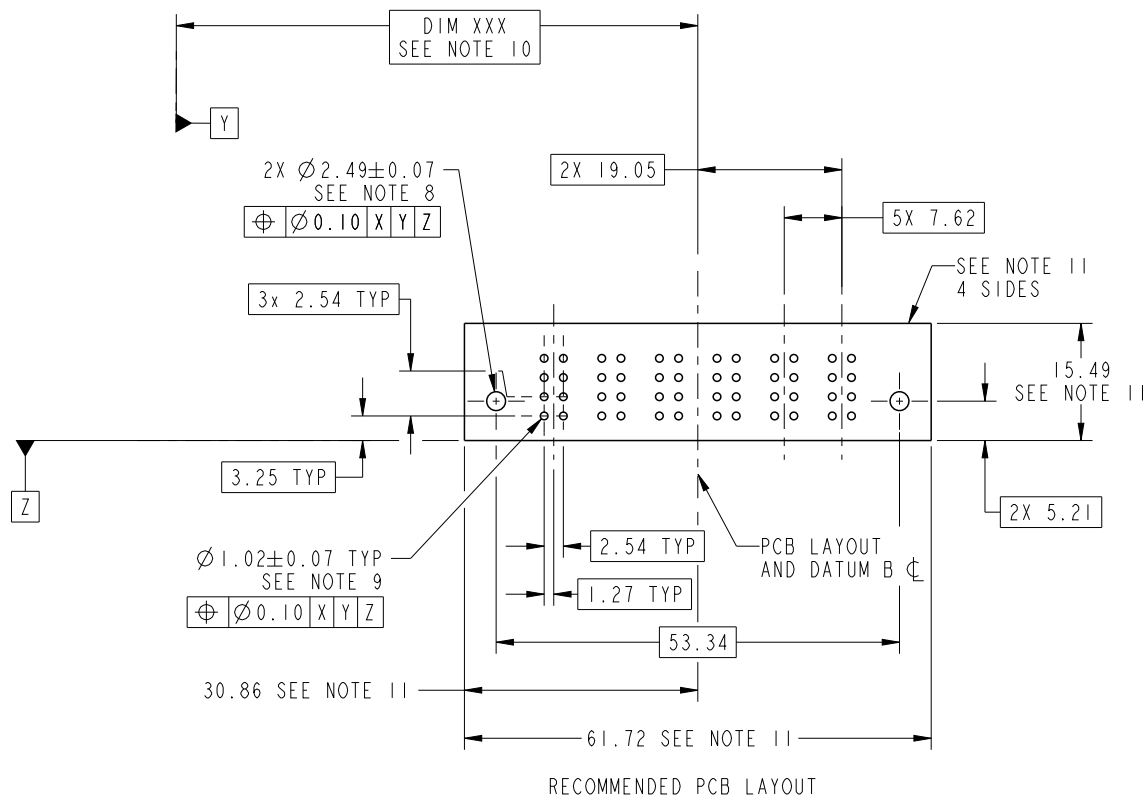


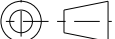


SECTION C-C  
SCALE 2:1



SECTION B-B  
SCALE 2:1

dr	Ruan MT	2012/07/31	<div>projection</div> <div></div>	<div>MM</div> <div></div>	size	A4	scale	1:1	
eng	Luo Weller	2012/09/27			ecn no		rel level	Released	
chr	-	-							
appr	Pei-Ming Zheng	2012/09/27	product family	PwrBlade					
	title	6ACP VERTICAL SOLDER RECEPT			dwg no	51940-451			rev
www.fci.com	cat. no.	*	Product - Customer Drw			sheet 2 of 4			



dr	Ruan MT	2012/07/31	projection 	MM 	size	A4	scale	1:1
eng	Luo Weller	2012/09/27			ecn no	-		
chr	-	-			rel level	Released		
appr	Pei-Ming Zheng	2012/09/27	product family		PwrBlade			
		title 6ACP VERTICAL SOLDER RECEPT			dwg no 51940-451		rev A	
www.fci.com		cat. no.	*	Product - Customer Drw			sheet 3 of 4	



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PRODUCT NUMBER  
51940-451--  
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. SEE ITEM 5 & 6 IN PRINT 10064183 FOR PLATING SPEC OF 51940-451 AND 51940-451LF RESPECTIVELY.
- 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 "DIM XXX" TO BE DETERMINED BY THE CUSTOMER.
- 11 CONNECTOR KEEP-OUT ZONE.
- 12. 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.

dr	Ruan MT	2012/07/31	<div>projection</div> <div></div>	<div>MM</div> <div></div>	size	A4	scale	1:1			
eng	Luo Weller	2012/09/27			ecn no -						
chr	-	-									
appr	Pei-Ming Zheng	2012/09/27	product family		PwrBlade		rel level		Released		
		title			6ACP		dwg no		51940-451	rev	A
www.fci.com		cat. no.		*	Product - Customer Drw				sheet 4 of 4		

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