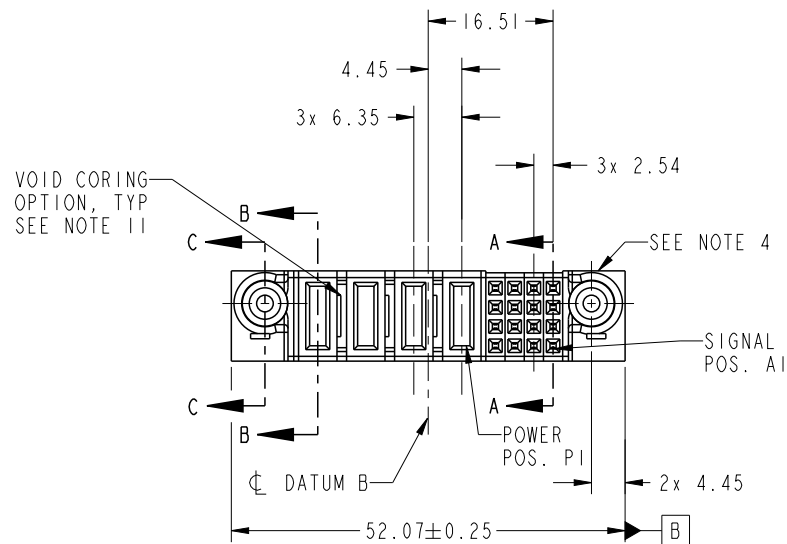




Copyright FCI.

PRODUCT NO.	ROWS	POWER					SIGNAL				
		E2	P4	P3	P2	P1	4	3	2	1	E1
51751-037LF	D C B A		PC	PF	PC	PF	F	F	F	F	
							F	F	F	F	
							F	F	F	F	
							F	F	F	F	

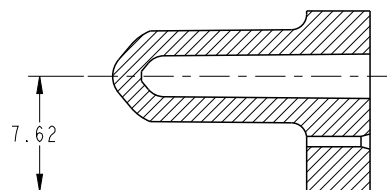
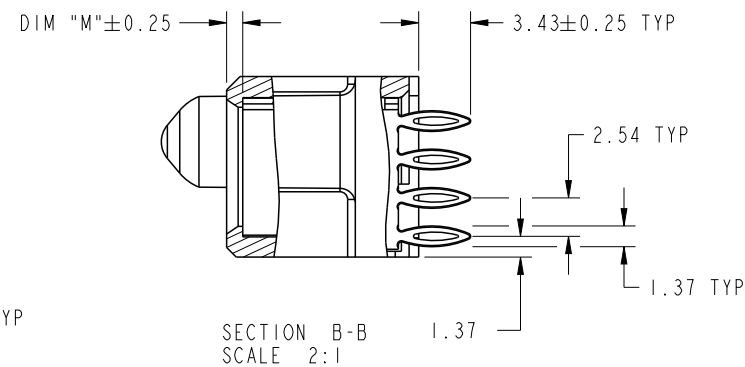
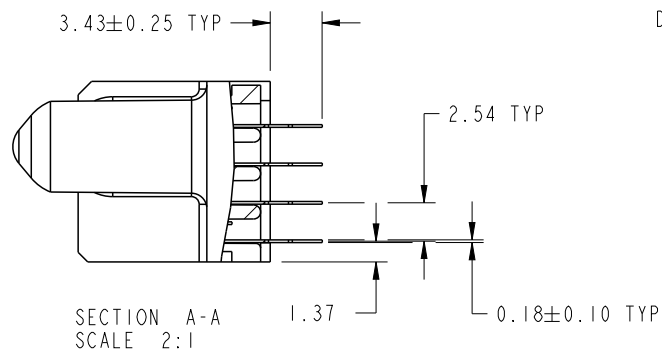


CODE	DIM "M" MATING LENGTH	CONTACT TYPE
PC	[1.07]	POWER
PF	[2.34]	POWER
F	[N/A]	SIGNAL

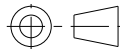
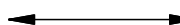
spec ref		*		dr	Ruan MT	2016/01/21	projection MM	size	A4	scale	1:1			
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Ruan MT	2016/01/27		ecn no	-					
				chr	Fancy Zhang	2016/01/27								
				appr	Pei-Ming Zheng	2016/01/27								
SEE NOTE				product family			PwrBlade	rel level			Released			
surface	✓	linear	0.X	±0.5		title	16S + 4P			dwg no	51751-037		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			

PRODUCT NUMBER

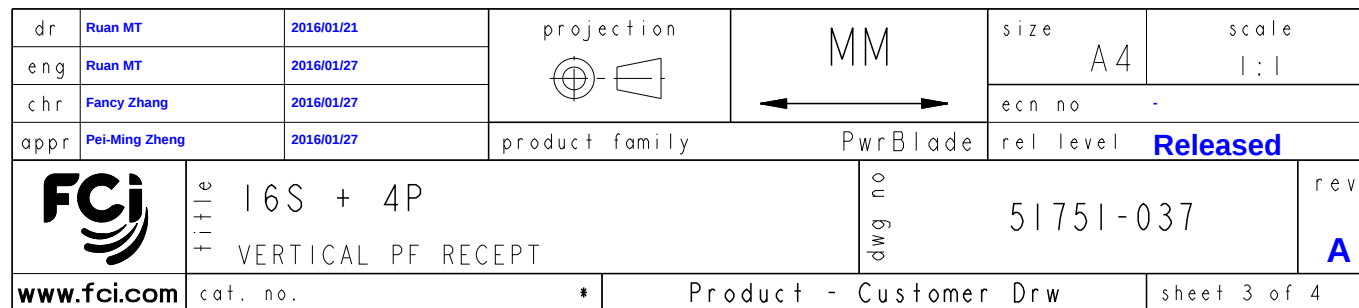
51751-037LF



SECTION C-C
SCALE 2:1

dr	Ruan MT	2016/01/21	projection 	MM 	size	A4	scale	1:1									
eng	Ruan MT	2016/01/27			ecn no	-											
chr	Fancy Zhang	2016/01/27			rel level	Released											
appr	Pei-Ming Zheng	2016/01/27	product family		PwrBlade												
			title			I6S + 4P		dwg no		51751-037		rev		A			
VERTICAL PF RECEPT																	
www.fci.com			cat. no.			*			Product - Customer Drw			sheet 2 of 4					

51751-037LF





Copyright FCI.

PRODUCT NUMBER
51751-037LF

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	2016/01/21	projection	MM	size	A4	scale	1:1
eng	Ruan MT	2016/01/27			ecn no	-		
chr	Fancy Zhang	2016/01/27			rel level	Released		
appr	Pei-Ming Zheng	2016/01/27	product family		PwrBlade			
		title			16S + 4P		rev	
		VERTICAL PF RECEPT			dwg no		51751-037	
							A	
www.fci.com		cat. no.		*	Product - Customer Drw			sheet 4 of 4

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[FCI / Amphenol:](#)

[51751-007LF](#) [51751-011LF](#) [51751-016LF](#) [51751-018LF](#) [51751-019LF](#) [51751-031LF](#) [51751-018PGSALF](#) [51751-037LF](#) [51751-017LF](#) [51751-020LF](#) [51751-023LF](#) [51751-024LF](#) [51751-028LF](#) [51751-029LF](#)