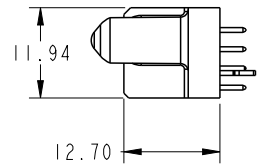
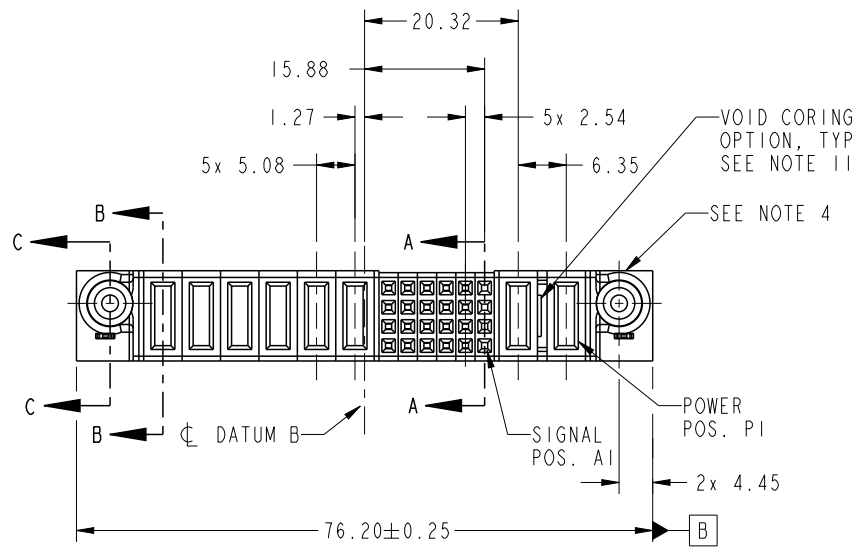




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PRODUCT NO.	ROWS	POWER							SIGNAL							POWER		
		E2	P8	P7	P6	P5	P4	P3	6	5	4	3	2	1	P2	P1	E1	
51940-477-- NOTE: 3	D C B A																	



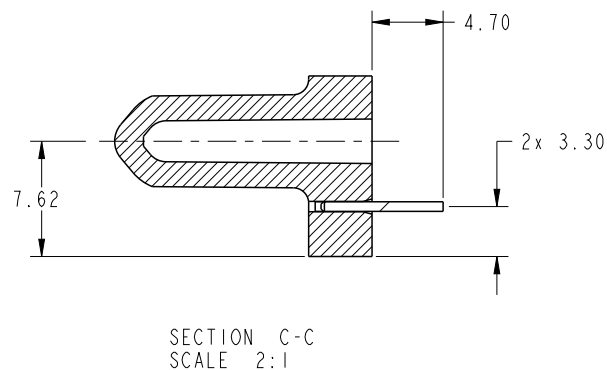
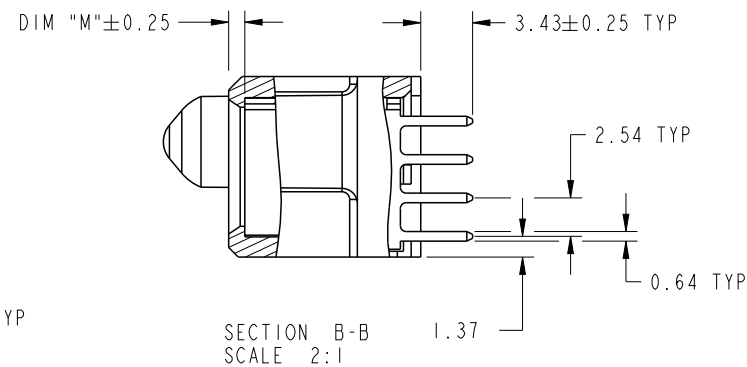
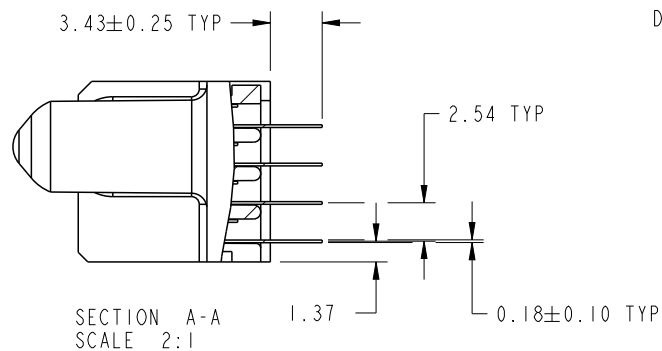
CODE	DIM "M" MATING LENGTH	CONTACT TYPE
E	[N/A]	SIGNAL
PA	[1.07]	POWER
PD	[2.34]	POWER
HA	[N/A]	HOLD-DOWN
X	[N/A]	OMITTED

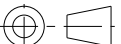
spec ref *		dr	Ruan MT	2013/02/21	projection 	MM 	size	A4	scale	1:1
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	Ruan MT	2013/03/19			ecn no			
SEE NOTE		chr	-	-			rel level	Released		
		appr	Pei-Ming Zheng	2013/03/19	product family		PwrBlade			
surface ✓	linear	0.X	±0.5		title	2P + 24S + 6P VERTICAL SOLDER RECEPT	dwg no	51940-477	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

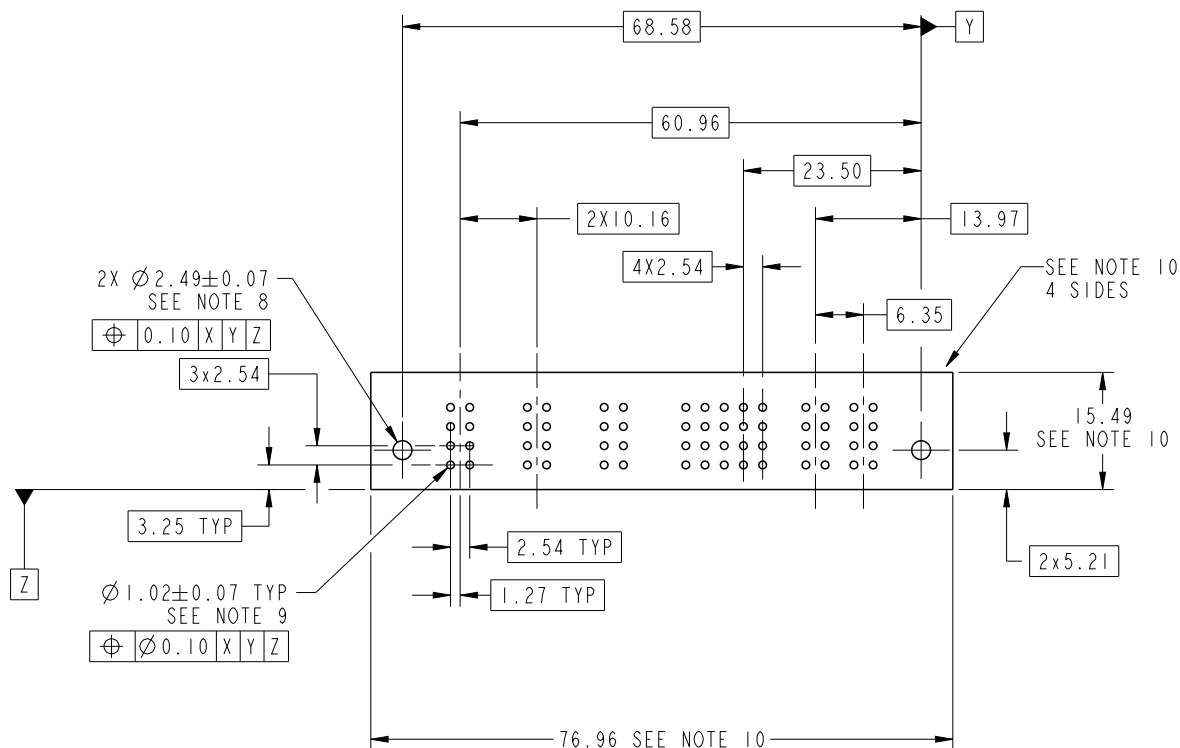
51940-477--
NOTE: 3



dr	Ruan MT	2013/02/21	projection 	MM 	size	A4	scale	1:1	
eng	Ruan MT	2013/03/19			ecn no				-
chr	-	-			rel level				Released
appr	Pei-Ming Zheng	2013/03/19	product family		PwrBlade				
		title			2P + 24S + 6P		dwg no		
					VERTICAL SOLDER RECEPT		51940-477		
							rev		
							A		
www.fci.com		cat. no.		*	Product - Customer Drw			sheet 2 of 4	

PRODUCT NUMBER

51940-477--
NOTE: 3



RECOMMENDED PCB LAYOUT

dr	Ruan MT	2013/02/21	projection	MM	size	A4	scale	1:1
eng	Ruan MT	2013/03/19			ecn no	-		
chr	-	-			rel level	Released		
appr	Pei-Ming Zheng	2013/03/19	product family		PwrBlade			
www.fci.com		cat. no.			*	Product - Customer Drw		sheet 3 of 4
FCi		title			2P + 24S + 6P		dwg no	
					VERTICAL SOLDER RECEPT		51940-477	
							rev	
							A	



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PRODUCT NUMBER
51940-477--
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 51940-477 AND 51940-477LF 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 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.

dr	Ruan MT	2013/02/21	projection	MM	size	A4	scale	1:1		
eng	Ruan MT	2013/03/19			ecn no	-				
chr	-	-								
appr	Pei-Ming Zheng	2013/03/19	product family		PwrBlade	rel level		Released		
	title				2P + 24S + 6P			dwg no		rev
			VERTICAL SOLDER RECEPT			51940-477			A	
www.fci.com		cat. no.		*	Product - Customer Drw			sheet 4 of 4		