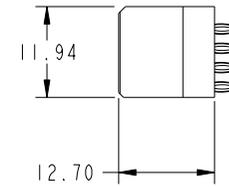
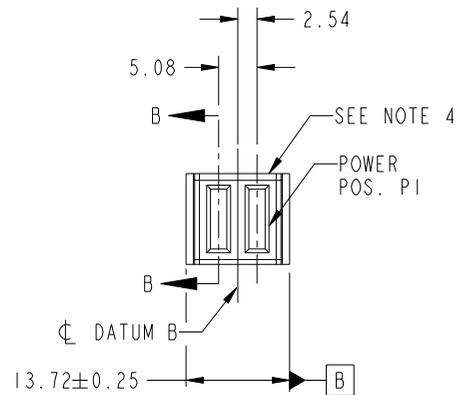


PRODUCT NO.	POWER	
	P2	P1
51940-486-- NOTE: 3	PC	PC

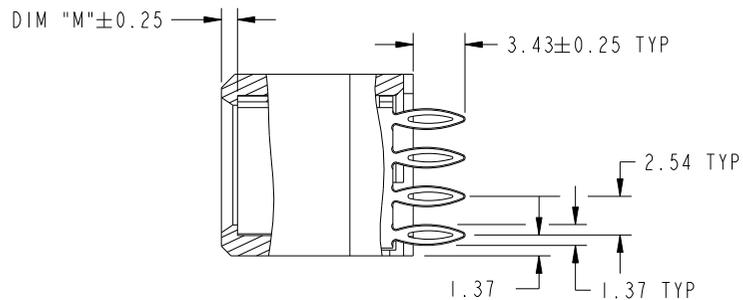


CODE	DIM "M" MATING LENGTH	CONTACT TYPE
PC	[1.07]	POWER

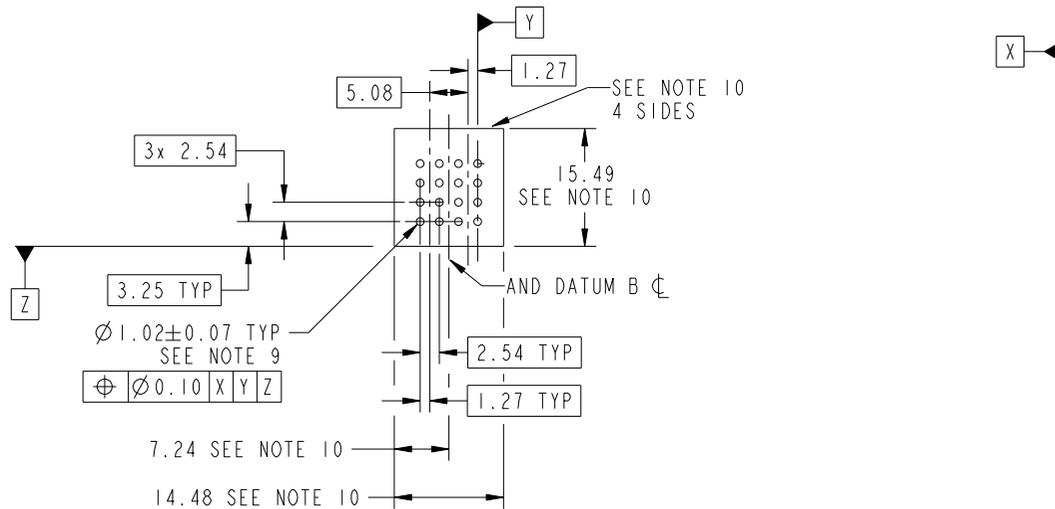
spec ref	*	dr	Luo Weller	2013/03/29	projection	MM	size	A4	scale	1:1
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	Luo Weller	2013/05/07			ecn no	-		
SEE NOTE		chr	-	-			rel level	Released		
surface	linear	appr	Pei-Ming Zheng	2013/05/07	product family	PwrBlade	rev			
	angular	FCj		title	2DCP		dwg no	51940-486		
	0° ±2°	www.fci.com		VERTICAL PRESS-FIT RECEPT		cat. no.		Product - Customer Drw		
								sheet 1 of 3		

PRODUCT NUMBER

51940-486__
NOTE: 3



SECTION B-B
SCALE 2:1



RECOMMENDED PCB LAYOUT

dr	Luo Weller	2013/03/29	projection 	MM 	size	A4	scale	1:1	
eng	Luo Weller	2013/05/07			ecn no	-			
chr	-	-			rel level	Released			
appr	Pei-Ming Zheng	2013/05/07	product family	PwrBlade					
		title	2DCP VERTICAL PRESS-FIT RECEPT		dwg no	51940-486		rev	A
www.fci.com	cat. no.	*	Product - Customer Drw			sheet 2 of 3			



PRODUCT NUMBER

51940-486__
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 7 & 8 IN PRINT 10064183 FOR PLATING SPEC OF 51940-486 AND 51940-486LF 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	Luo Weller	2013/03/29	projection 	MM 	size	A4	scale	1:1			
eng	Luo Weller	2013/05/07			ecn no	-					
chr	-	-			product family	PwrBlade	rel level	Released			
appr	Pei-Ming Zheng	2013/05/07	FCj		title	2DCP		dwg no	51940-486	rev	A
www.fci.com		cat. no.	*		Product - Customer Drw			sheet 3 of 3			



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