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Technical drawing showing a component with a height of 11.94 and a width of 12.70.

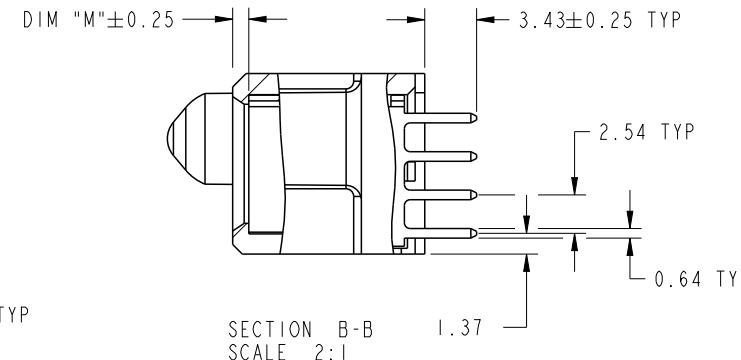
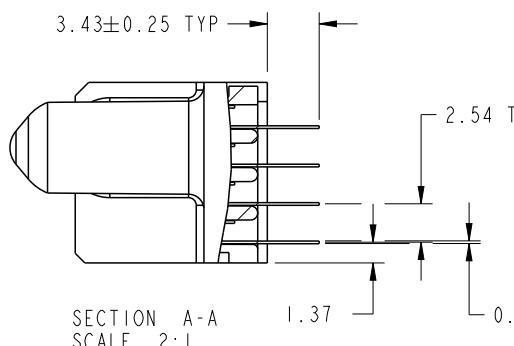
CODE	DIM "M" MATING LENGTH	CONTACT TYPE
E	[N/A]	SIGNAL
PA	[1.07]	POWER
HA	[N/A]	HOLD-DOWN
X	OMITTED	OMITTED

spec ref	*		dr	Luo Weller	2013/01/25			size	A4	scale			
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED		eng	Luo Weller	2013/02/24			A4	1:1				
SEE NOTE			chr	-	-			ecn no	-				
	appr	Pei-Ming Zheng		2013/02/24	product family			PwrBlade	rel level	Released			
surface	linear	0.X	±0.5		12S+3ACP+2DCP+1ACP+2DCP+1ACP+2DCP			51940-474		rev A			
		0.XX	±0.25		VERTICAL SOLDER RECEPT								
		0.XXX	±0.1										
		angular	0°	±2°	www.fci.com	cat. no.	*	Product - Customer Drw	sheet 1 of 4				

PRODUCT NUMBER

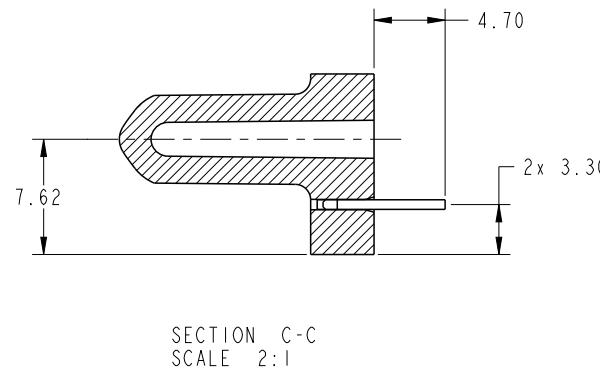
51940-474
NOTE: 3

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B

A



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D

B

C

D

dr	Luo Weller	2013/01/25	projection	MM	size	A4	scale
eng	Luo Weller	2013/02/24					
chr	-	-			ecn no	-	
appr	Pei-Ming Zheng	2013/02/24	product family	PwrBlade	rel level	Released	
		12S+3ACP+2DCP+1ACP+2DCP+1ACP+2DCP	dwg no	51940-474	rev		A
+ VERTICAL SOLDER RECEPT							
www.fci.com		cat. no.	*	Product - Customer Drw	sheet 2 of 4		

PRODUCT NUMBER

51940-474
NOTE: 3

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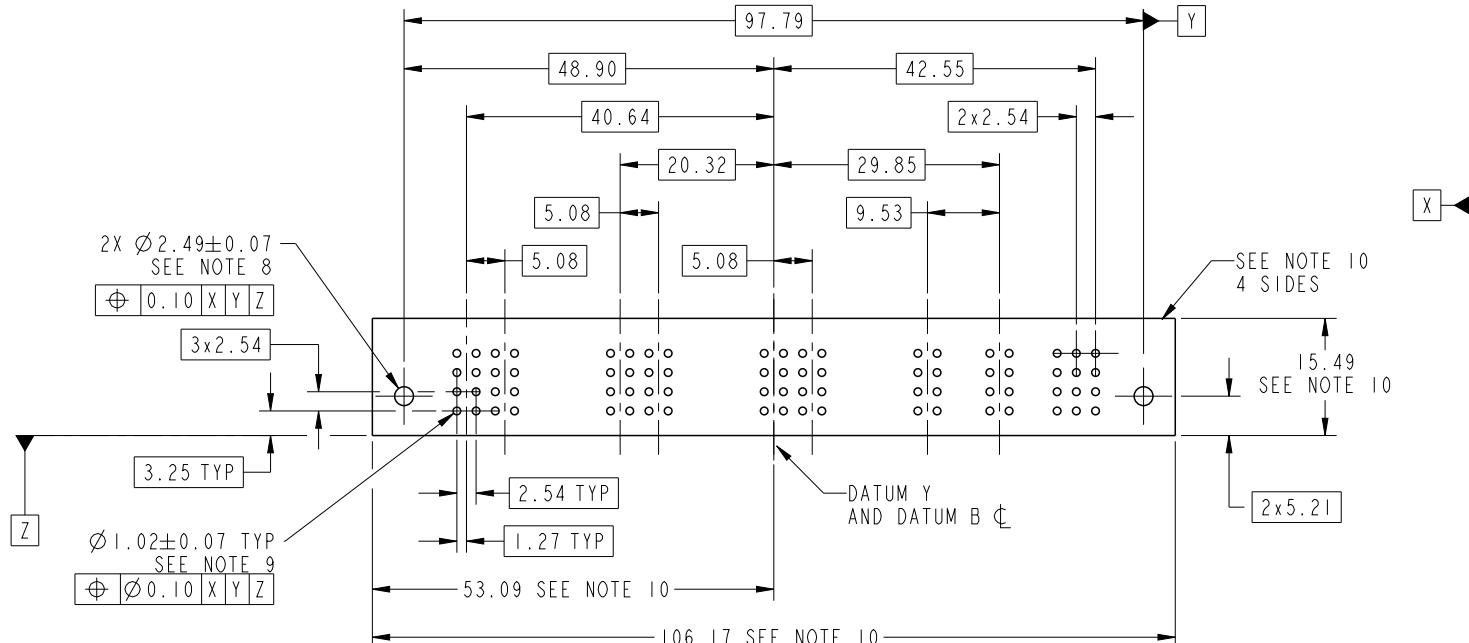
B

B

C

C

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RECOMMENDED PCB LAYOUT

dr	Luo Weller	2013/01/25	projection	MM	size	A4	scale
eng	Luo Weller	2013/02/24					
chr	-	-			ecn no		
appr	Pei-Ming Zheng	2013/02/24	product family	PwrBlade	rel level	Released	
FCI	12S+3ACP+2DCP+1ACP+2DCP+1ACP+2DCP				51940-474		rev A
	VERTICAL SOLDER RECEPT						
www.fci.com	cat. no.	*	Product - Customer Drw		sheet 3 of 4		

PRODUCT NUMBER

51940-474
NOTE: 3

NOTES:

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1. DIMENSIONS AND TOLERANCES ARE IN ACCORDANCE WITH ASME Y14.5M, 1994 UNLESS OTHERWISE SPECIFIED.

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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 51940-474 AND 51940-474LF RESPECTIVELY.

B

(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.

B

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.

C

(9) $\phi 1.15 \pm 0.025$ DRILLED HOLES PLATED WITH 0.008 MIN SnPb OR Sn OVER 0.03 TO 0.08 Cu PLATING TO ACHIEVE $\phi 1.02 \pm 0.07$ HOLE.

C

(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	2013/01/25	 product family	MM	size	A4	scale
eng	Luo Weller	2013/02/24			ecn no		
chr	-	-			rel level		
appr	Pei-Ming Zheng	2013/02/24		PwrBlade			Released
 www.fci.com		e 12S+3ACP+2DCP+1ACP+2DCP+1ACP+2DCP + VERTICAL SOLDER RECEPT	dwg no	51940-474	rev		A
		cat. no.	*	Product - Customer Drw	sheet	4 of 4	