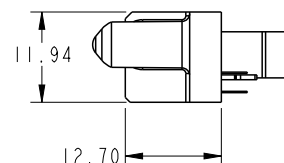
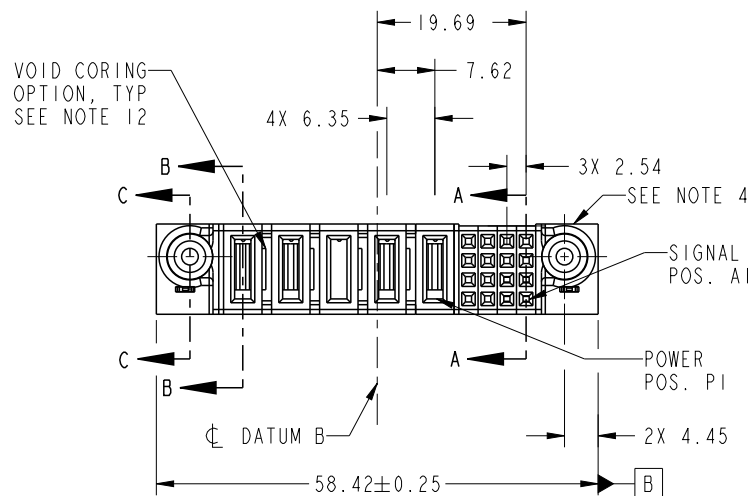
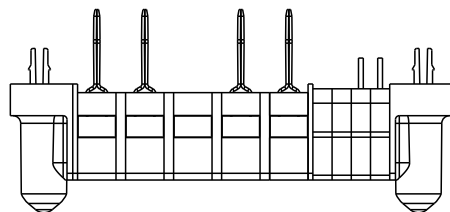


PRODUCT NO.	ROWS	POWER						SIGNAL				
		E2	P5	P4	P3	P2	P1	4	3	2	1	E1
51940-519-- NOTE: 3	D C B A		PG	PG	X	PG	PG	X	X	X	X	



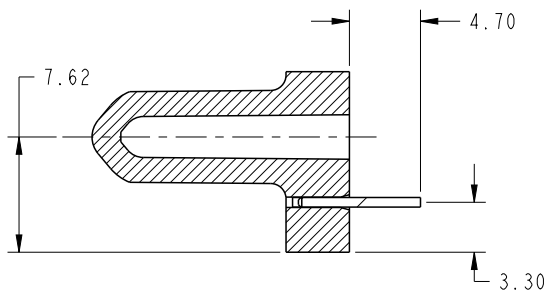
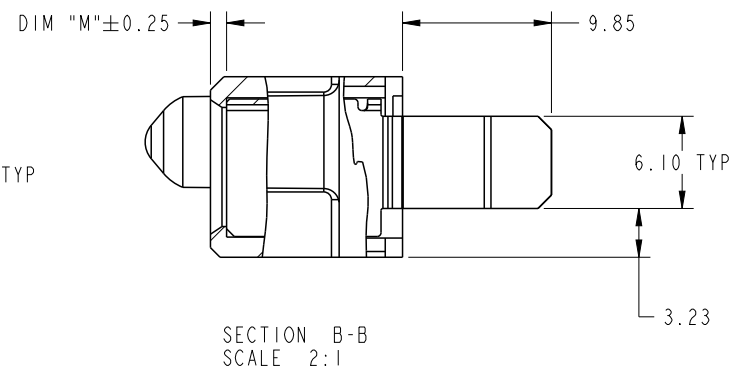
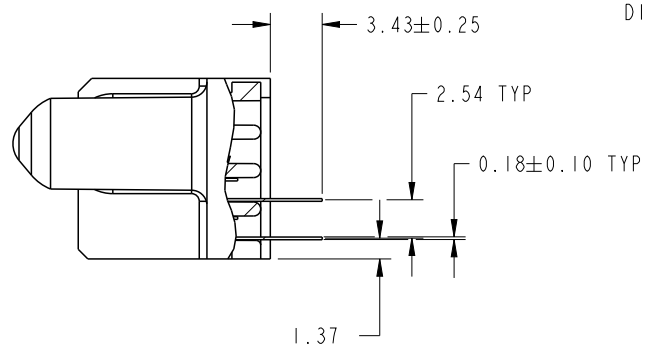
CODE	DIM "M" MATING LENGTH	CONTACT TYPE
E	[N/A]	SIGNAL
HA	[N/A]	HOLD-DOWN
PG	[1.07]	POWER
X	[N/A]	OMITTED

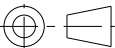
spec ref	SEE NOTES			dr	Ruan MT	2013/12/04	projection	MM	size	A4	scale	1:1	
tolerance std SEE NOTE	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Ruan MT	2014/01/07			ecn no				-
				chr	-	-			rel level				Released
				appr	Pei-Ming Zheng	2014/01/07			product family		PwrBlade		
surface ✓	linear	0.X	±0.5		title	16S + 5P VERTICAL SOLDER RECEPT			dwg no	51940-519		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

51940-519__
NOTE: 3

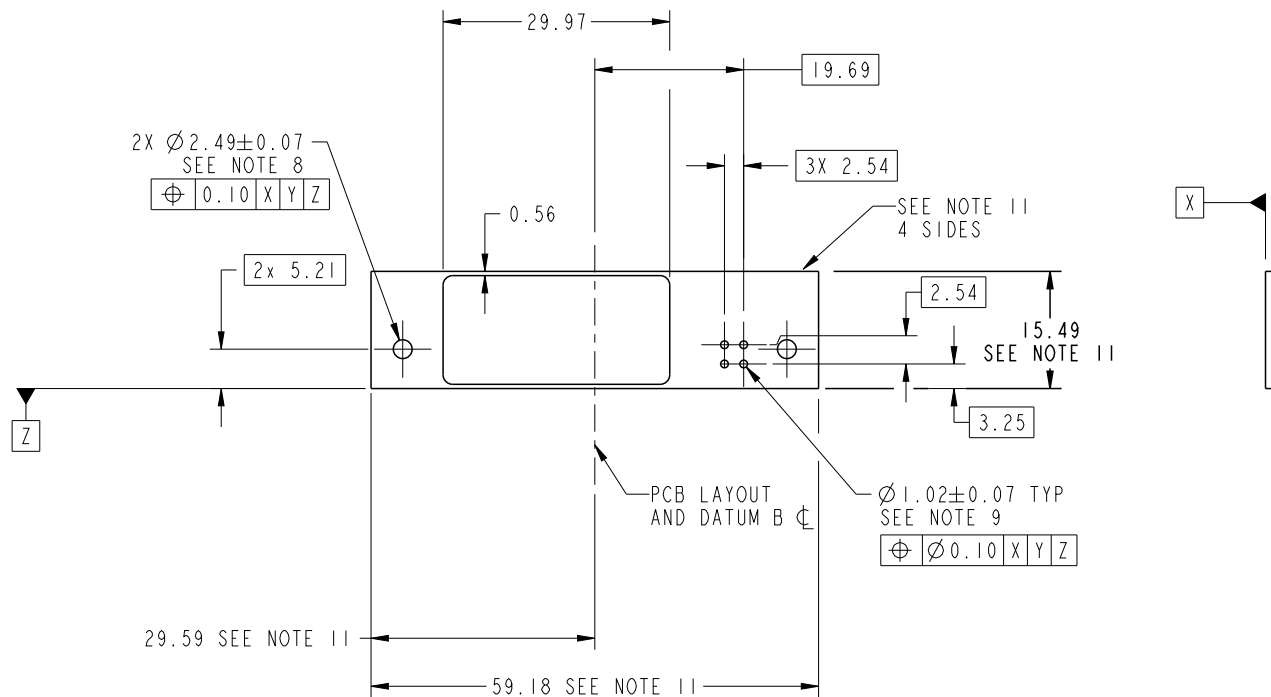


dr	Ruan MT	2013/12/04	projection 	MM 	size	A4	scale	1:1
eng	Ruan MT	2014/01/07			ecn no		-	
chr	-	-						
appr	Pei-Ming Zheng	2014/01/07	product family		PwrBlade		rel level	Released
		title			16S + 5P			rev
		VERTICAL SOLDER RECEPT			dwg no			A
www.fci.com		cat. no.		-		Product - Customer Drw		sheet 2 of 4

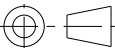
PrintE File - REV C - 2009-06-09

PRODUCT NUMBER

51940-519--
NOTE: 3



RECOMMENDED PCB LAYOUT

dr	Ruan MT	2013/12/04	projection 	MM 	size	A4	scale	1:1	
eng	Ruan MT	2014/01/07			ecn no				-
chr	-	-							
appr	Pei-Ming Zheng	2014/01/07	product family		PwrBlade		rel level		Released
		title			16S + 5P			dwg no	
		VERTICAL SOLDER RECEPT			51940-519			rev	
								A	
www.fci.com		cat. no.		-		Product - Customer Drw			sheet 3 of 4



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PRODUCT NUMBER
51940-519__
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 51940-519 AND 51940-519LF RESPECTIVELY.
- 4 MANUFACTURER'S NAME, DATE CODE AND OPTIONAL P/N TO APPEAR ON
THIS SURFACE. THE P/N 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	2013/12/04	projection	MM	size	A4	scale	1:1			
eng	Ruan MT	2014/01/07			ecn no -						
chr	-	-									
appr	Pei-Ming Zheng	2014/01/07	product family		PwrBlade		rel level		Released		
	title				16S + 5P		dwg no		51940-519		rev
VERTICAL SOLDER RECEPT											
www.fci.com		cat. no.		-		Product - Customer Drw				sheet 4 of 4	