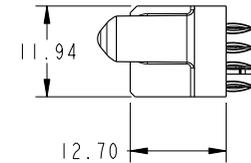
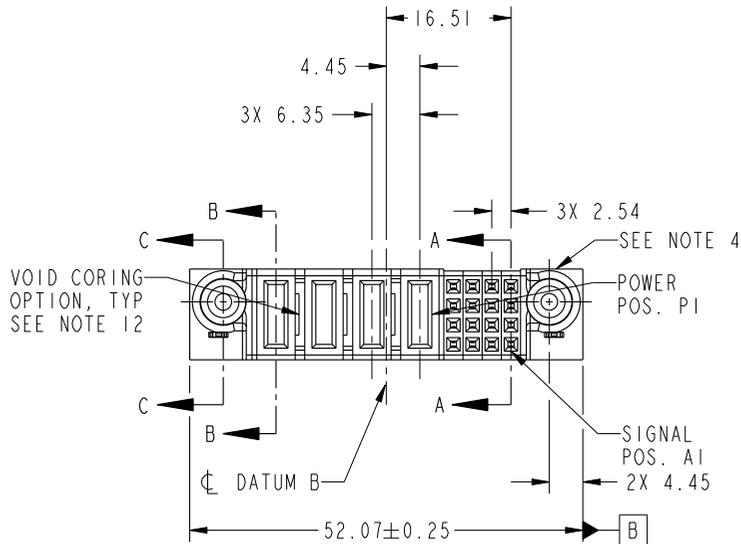


PRODUCT NO. 51940-459_- NOTE: 3	ROWS D C B A	POWER					SIGNAL				E1
		E2	P4	P3	P2	P1	4	3	2	1	

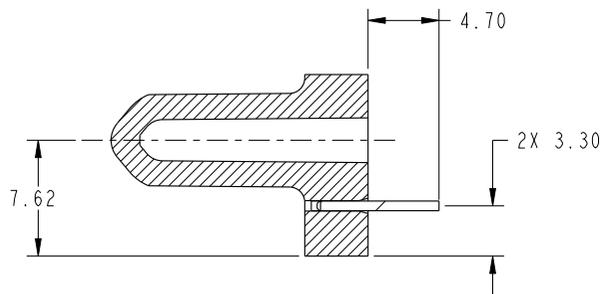
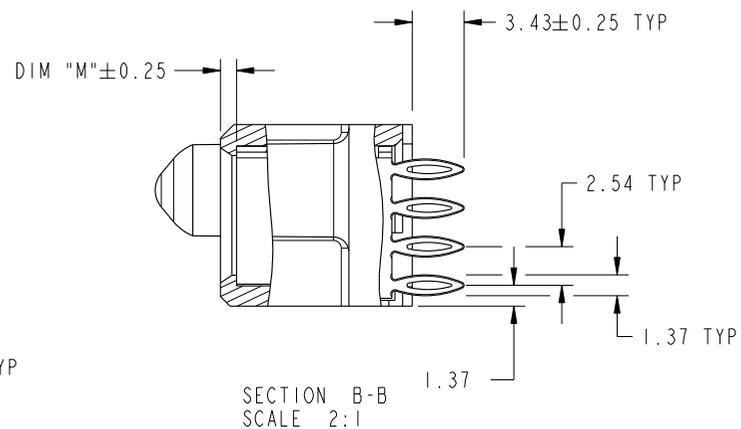
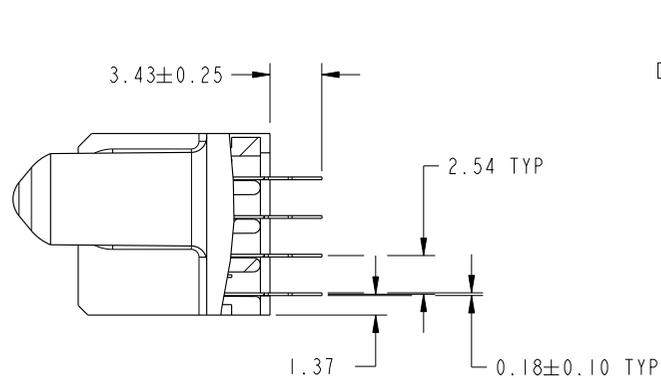


CODE	DIM "M" MATING LENGTH	CONTACT TYPE
PC	[1.07]	POWER
F	[N/A]	SIGNAL
HA	[N/A]	HOLD-DOWN

spec ref	*	dr	Luo Weller	2012-10-06	projection 	MM 	size	A4	scale	1:1
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	Luo Weller	2012-11-23			product family	PwrBlade	rel level	Released
		chr	-	-				ecn no	*	
appr	Pei-Ming Zheng	2012-11-23	www.fci.com		title	16S+4P VERTICAL PRESS-FIT RECEPT	dwg no	51940-459	rev	A
surface	✓	linear	0.X	±0.5	cat. no.	*	Product - Customer Drw	sheet 1 of 4		
		angular	0°	±2°						

PRODUCT NUMBER

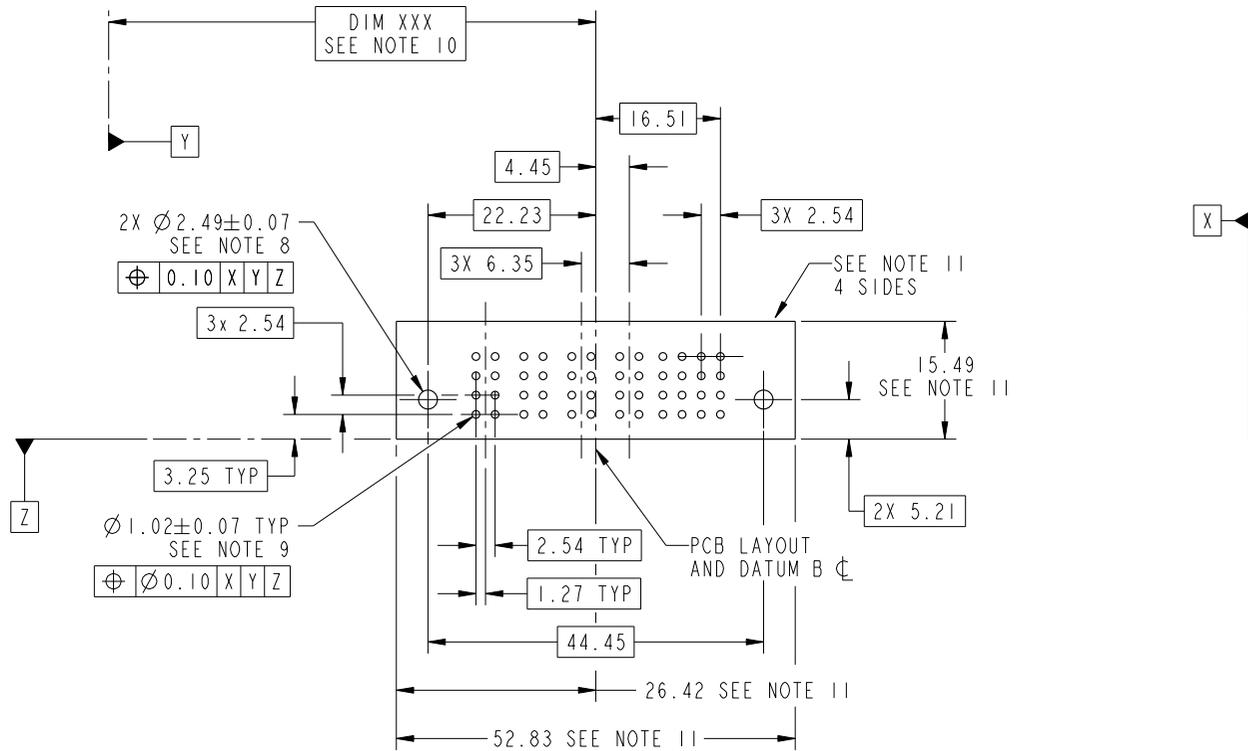
51940-459__
NOTE: 3



dr	Luo Weller	2012-10-06	projection 	MM ←————→	size	A4	scale	1:1
eng	Luo Weller	2012-11-23			ecn no	*		
chr	-	-			rel level	Released		
appr	Pei-Ming Zheng	2012-11-23	product family	PwrBlade	rev	A		
	title	I6S+4P VERTICAL PRESS-FIT RECEPT		dwg no	51940-459			
www.fci.com	cat. no.	*	Product - Customer Drw		sheet 2 of 4			

PRODUCT NUMBER

51940-459--
NOTE: 3



RECOMMENDED PCB LAYOUT

dr	Luo Weller	2012-10-06	projection 	MM 	size	A4	scale	1:1
eng	Luo Weller	2012-11-23			ecn no	*		
chr	-	-	product family		PwrBlade	rel level	Released	
appr	Pei-Ming Zheng	2012-11-23	title		16S+4P VERTICAL PRESS-FIT RECEPT		dwg no	51940-459
www.fci.com			cat. no.	*	Product - Customer Drw		rev	A
						sheet 3 of 4		



Copyright FCI.

PRODUCT NUMBER

51940-459__
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 51940-459 AND 51940-459LF 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.

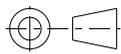
⑧ MOUNTING HOLES, WHERE APPLICABLE, ARE UNPLATED.

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 "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	Luo Weller	2012-10-06	projection 	MM 	size	A4	scale	1:1	
eng	Luo Weller	2012-11-23			ecn no	*			
chr	-	-							
appr	Pei-Ming Zheng	2012-11-23	product family	PwrBlade	rel level	Released			
		title	16S+4P VERTICAL PRESS-FIT RECEPT		dwg no	51940-459		rev	A
www.fci.com		cat. no.	*	Product - Customer Drw			sheet 4 of 4		