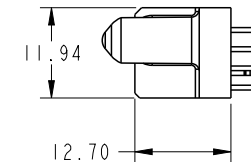
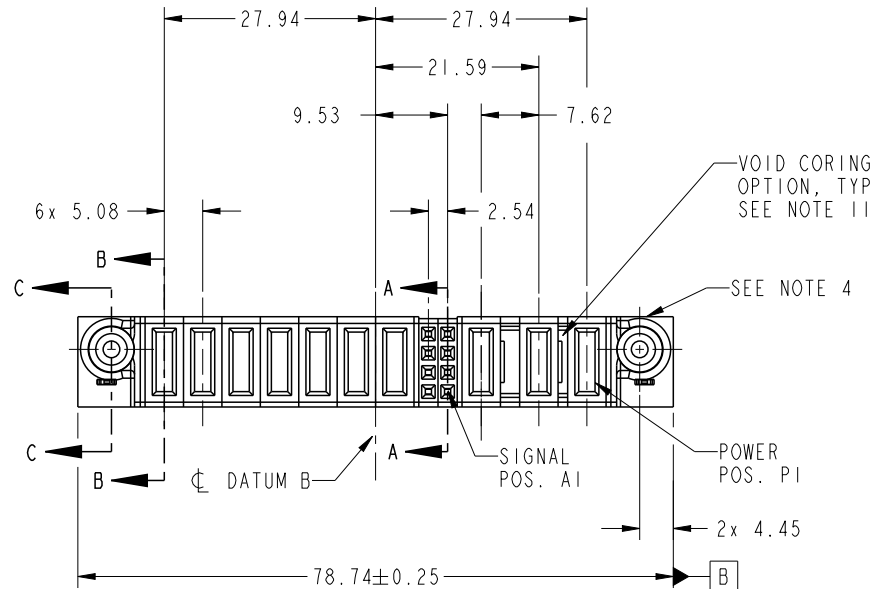


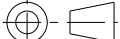


Copyright FCI.

PRODUCT NO.	ROWS	POWER SIGNAL POWER														E1
		E2	P10	P9	P8	P7	P6	P5	P4	2	1	P3	P2	P1		
51940-516-- NOTE: 3	D C B A															



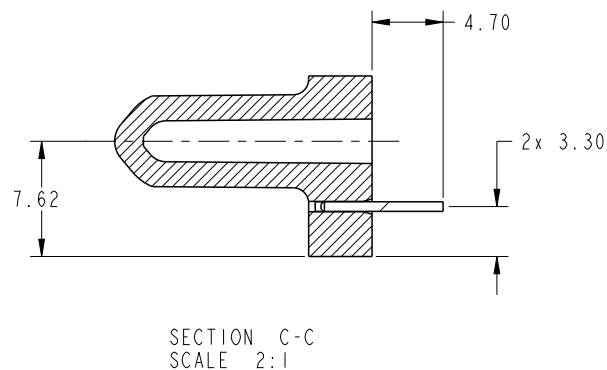
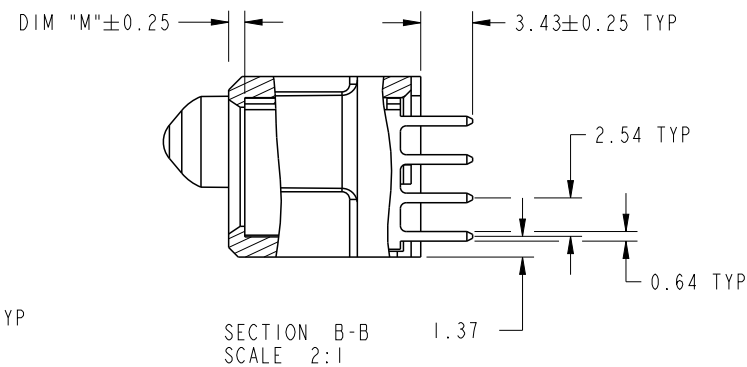
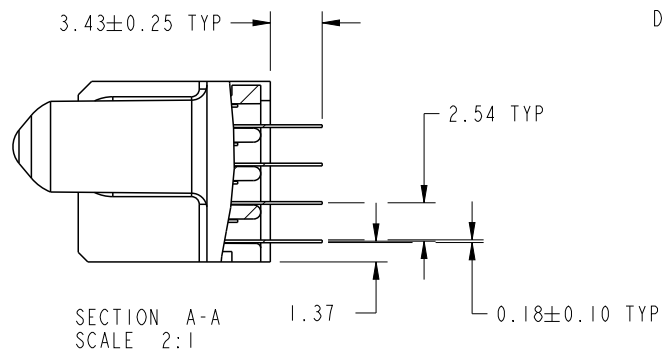
CODE	DIM "M" MATING LENGTH	CONTACT TYPE
E	[N/A]	SIGNAL
PA	[1.07]	POWER
PD	[2.34]	POWER
HA	[N/A]	HOLD-DOWN

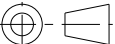
spec ref		*		dr	Ruan MT	2013/11/07	projection 		size	A4	scale	1:1
tolerance std SEE NOTE	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	De-Ming Lu	2014/04/02			ecn no	-		
				chr	-	-			rel level Released			
				appr	Pei-Ming Zheng	2014/04/02	product family PwrBlade					
surface 	linear	0.X	±0.5		title 2P + IACP + 8S + 7P VERTICAL SOLDER RECEPT			dwg no 51940-516	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

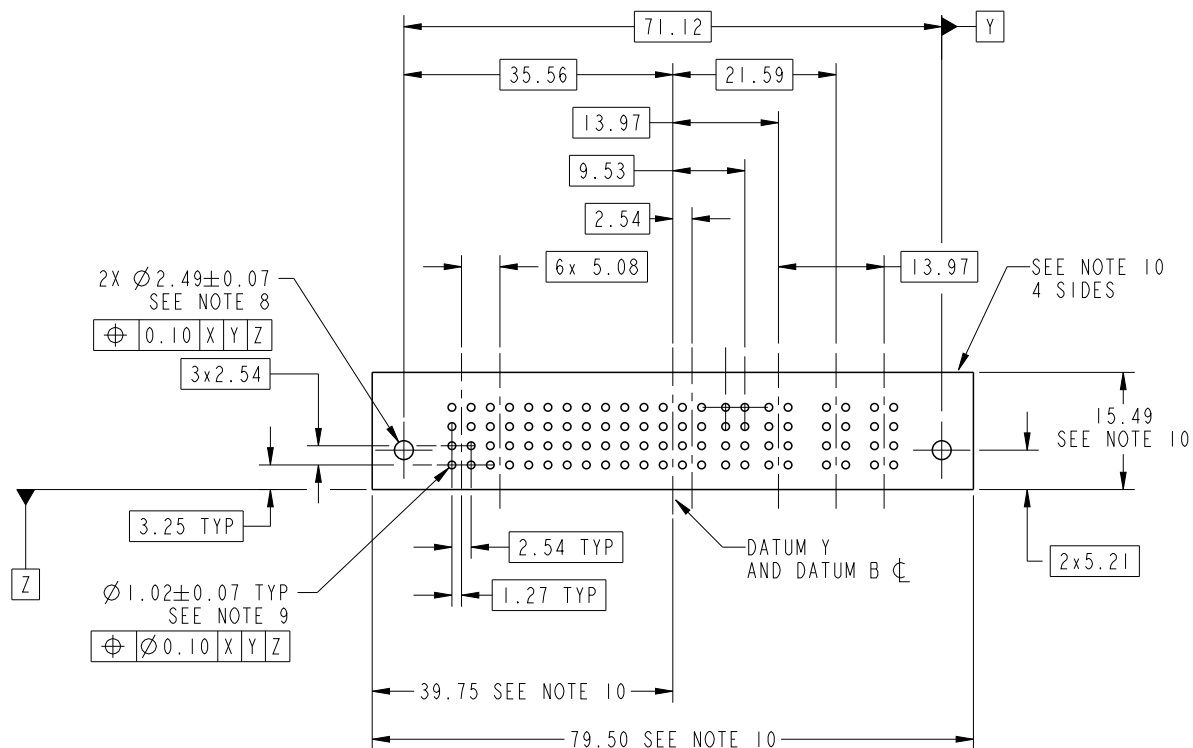
PRODUCT NUMBER

51940-516__
NOTE: 3

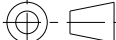


dr	Ruan MT	2013/11/07	projection 	MM 	size	A4	scale	1:1
eng	De-Ming Lu	2014/04/02			ecn no			-
chr	-	-						
appr	Pei-Ming Zheng	2014/04/02	product family		PwrBlade	rel level	Released	
	title 2P + 1ACP + 8S + 7P VERTICAL SOLDER RECEPT				dwg no	51940-516		rev A
www.fci.com	cat. no.		*	Product - Customer Drw			sheet 2 of 4	

51940-516__
NOTE: 3



RECOMMENDED PCB LAYOUT

dr	Ruan MT	2013/11/07	projection  MM 	size	A4	scale	1:1	
eng	De-Ming Lu	2014/04/02		ecn no	-			
chr	-	-		rel level	Released			
appr	Pei-Ming Zheng	2014/04/02	product family		PwrBlade			
	title	2P + IACP + 8S + 7P			dwg no	51940-516		rev
		VERTICAL SOLDER RECEPT				A		
www.fci.com	cat. no.	*	Product - Customer Drw			sheet 3 of 4		



Copyright FCI.

PRODUCT NUMBER										
51940-516__ 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 51940-516 AND 51940-516LF 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 Ø1.151±0.025 DRILLED HOLES PLATED WITH 0.008 MIN SnPb OR Sn OVER 0.03 TO 0.08 Cu PLATING TO ACHIEVE Ø1.02±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	2013/11/07	projection 	MM 	size	A4	scale	1:1		
eng	De-Ming Lu	2014/04/02			ecn no	-				
chr	-	-			rel level	Released				
appr	Pei-Ming Zheng	2014/04/02	product family		PwrBlade					
		title			2P + 1ACP + 8S + 7P VERTICAL SOLDER RECEPT		dwg no	51940-516	rev	A
www.fci.com		cat. no.		*	Product - Customer Drw			sheet 4 of 4		