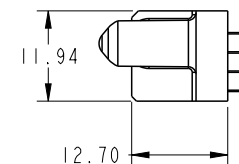
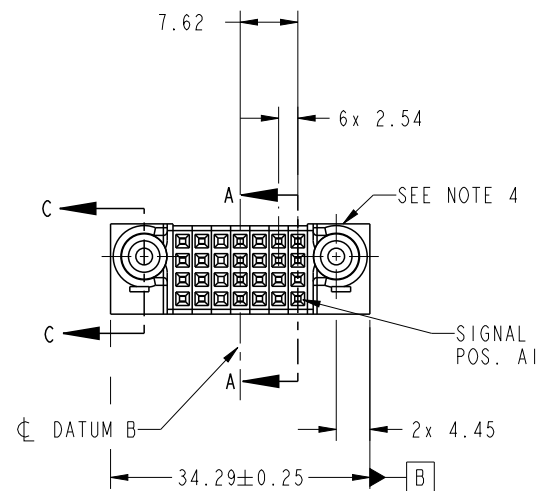
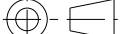




PRODUCT NO.	ROWS	SIGNAL							E1
		E2	7	6	5	4	3	2	
51940-520-- NOTE: 3	D		E	E	X	E	E	E	E
	C		E	E	X	E	E	E	E
	B		E	E	X	E	E	E	E
	A		E	E	X	E	E	E	E



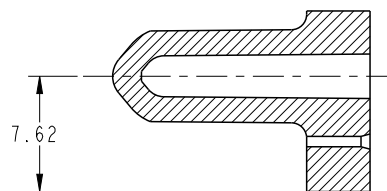
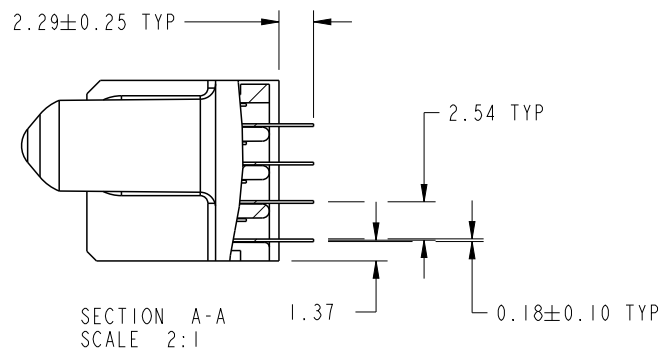
CODE	DIM "M" MATING LENGTH	CONTACT TYPE
E	[N/A]	SIGNAL
X	OMITTED	

spec ref *				dr	Ruan MT	2013/12/23	projection 	MM 	size	A4	scale	1:1	
tolerance std				eng	Luo Weller	2014/01/07			ecn no				-
SEE NOTE				chr	-	-			rel level				Released
				appr	Pei-Ming Zheng	2014/01/07			product family		PwrBlade		
surface ✓	linear	0.X	±0.5		title	28S	dwg no	51940-520				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		

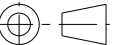


PrintE File - REV C - 2009-06-09

PRODUCT NUMBER

51940-520__
NOTE: 3

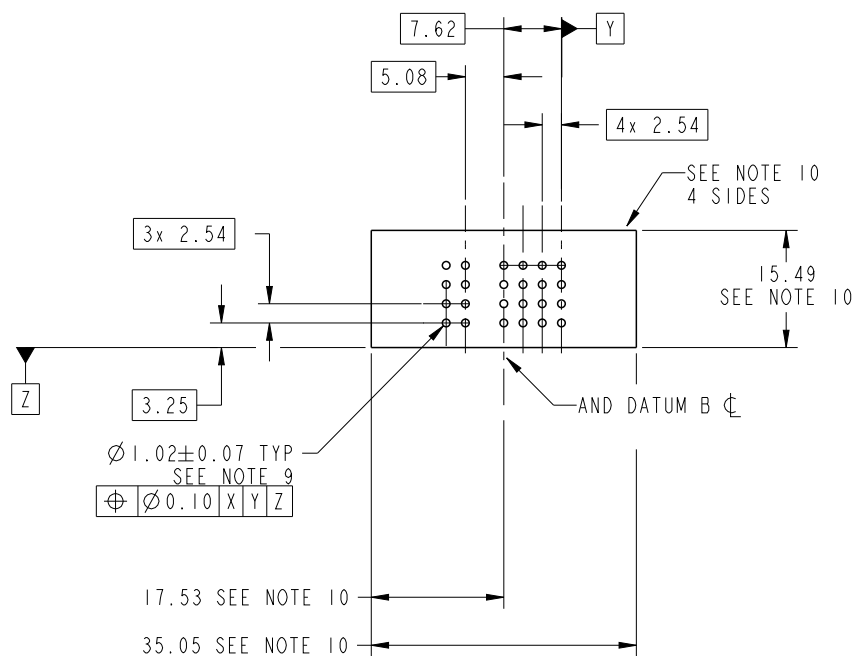


SECTION C-C
SCALE 2:1

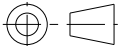


dr	Ruan MT	2013/12/23	<div>projection</div> <div></div>	<div>MM</div> <div></div>	size	A4	scale	1:1		
eng	Luo Weller	2014/01/07			ecn no				-	
chr	-	-								
appr	Pei-Ming Zheng	2014/01/07	product family		PwrBlade	rel level	Released			
	title				28S	dwg no			51940-520	rev
					VERTICAL SOLDER RECEPT				A	
www.fci.com	cat. no.		*	Product - Customer Drw				sheet 2 of 4		

PRODUCT NUMBER

51940-520--
NOTE: 3



RECOMMENDED PCB LAYOUT

dr	Ruan MT	2013/12/23	<div>projection</div> <div></div>	<div>MM</div> <div></div>	size	A4	scale	1:1			
eng	Luo Weller	2014/01/07			ecn no				-		
chr	-	-			rel level				Released		
appr	Pei-Ming Zheng	2014/01/07	product family		PwrBlade						
	title			28S		dwg no		51940-520	rev		
										VERTICAL SOLDER RECEPT	
www.fci.com	cat. no.		*	Product - Customer Drw				sheet 3 of 4			



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PRODUCT NUMBER
51940-520__
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 51940-520 AND 51940-520LF 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	Ruan MT	2013/12/23	<div>projection</div> <div></div>	<div>MM</div> <div></div>	size	A4	scale	1:1			
eng	Luo Weller	2014/01/07			ecn no -						
chr	-	-									
appr	Pei-Ming Zheng	2014/01/07	product family		PwrBlade		rel level		Released		
<div>FCi</div>		title			28S		dwg no		51940-520	rev	A
VERTICAL SOLDER RECEPT											
www.fci.com		cat. no.		*	Product - Customer Drw				sheet 4 of 4		