

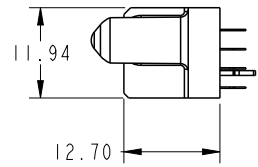
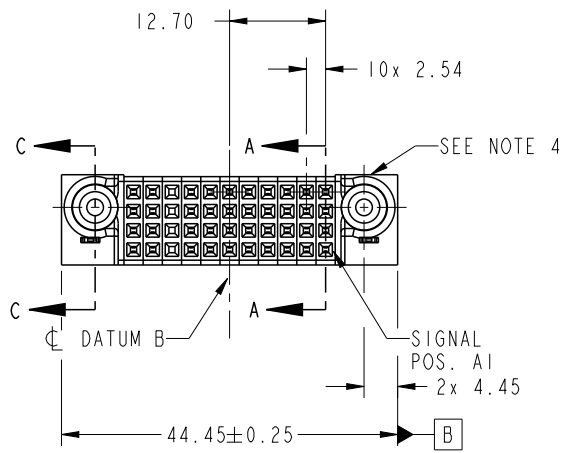



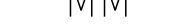



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PRODUCT NO.	ROWS	SIGNAL														E1
		E2	11	10	9	8	7	6	5	4	3	2	1			
51940-489-- NOTE: 3	D		F	F	X	F	F	F	F	F	F	F	F	F		
	F		F	X	F	F	F	F	F	F	F	F				
	F		F	X	F	F	F	F	F	F	F	F				
	F		F	X	F	F	F	F	F	F	F	F				
	C		F	F	X	F	F	F	F	F	F	F	F			
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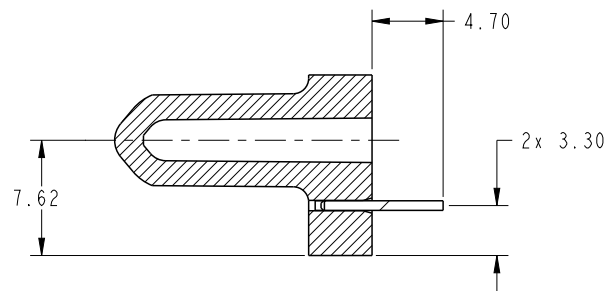
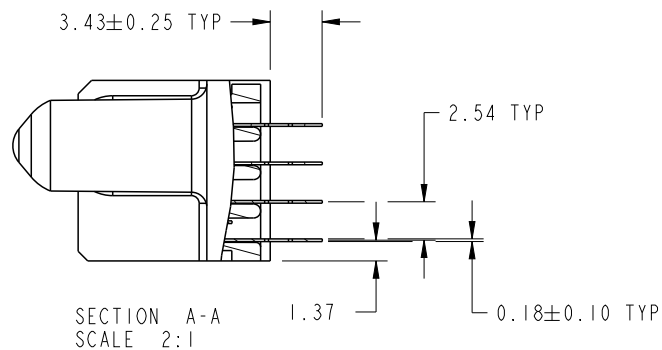
CODE	DIM "M" MATING LENGTH	CONTACT TYPE
F	[N/A]	SIGNAL
HA	[N/A]	HOLD-DOWN
X	OMITTED	OMITTED

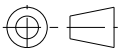


spec ref *				dr Luo Weller		2013/04/18		projection 	MM 	size	A4	scale	1:1
tolerance std				eng Luo Weller		2013/05/20				ecn no -			
SEE NOTE				chr -		-				rel level Released			
				appr Pei-Ming Zheng		2013/05/20		product family PwrBlade					
surface ✓	linear	0.X	±0.5		title	44S			dwg no	51940-489			rev A
		0.XX	±0.25			VERTICAL PRESS-FIT RECEPT							
		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

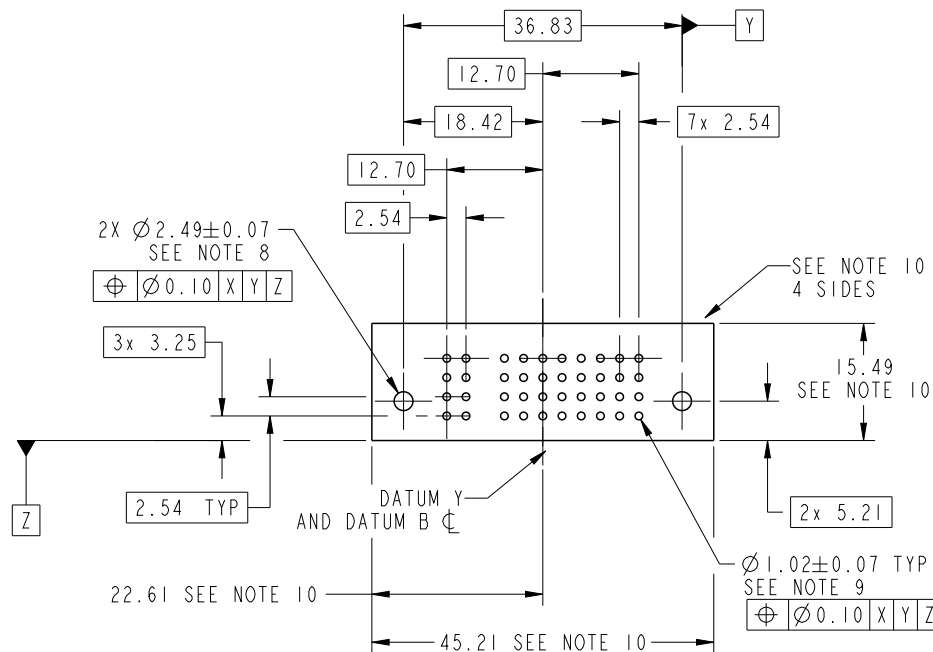
51940-489__
NOTE: 3



dr	Luo Weller	2013/04/18	<div>projection</div> <div></div>	<div>MM</div> <div></div>	size	A4	scale	1:1
eng	Luo Weller	2013/05/20			ecn no	-		
chr	-	-			rel level	Released		
appr	Pei-Ming Zheng	2013/05/20	product family		PwrBlade			
<div></div>		title			44S		dwg no	
					VERTICAL PRESS-FIT RECEPT		51940-489	
www.fci.com		cat. no.		*	Product - Customer Drw			sheet 2 of 4
							rev	
							A	

PRODUCT NUMBER

51940-489--
NOTE: 3



RECOMMENDED PCB LAYOUT

dr	Luo Weller	2013/04/18	<div>projection</div> <div></div>	<div>MM</div> <div></div>	size	A4	scale	1:1	
eng	Luo Weller	2013/05/20			ecn no	-			
chr	-	-			rel level	Released			
appr	Pei-Ming Zheng	2013/05/20	product family		PwrBlade				
	title		44S		dwg no		51940-489		rev
	www.fci.com		cat. no.		*		Product - Customer Drw		



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PRODUCT NUMBER
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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 51940-489 AND 51940-489LF 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	Luo Weller	2013/04/18	<div>projection</div> <div></div>	<div>MM</div> <div></div>	size	A4	scale	1:1		
eng	Luo Weller	2013/05/20			ecn no				-	
chr	-	-								
appr	Pei-Ming Zheng	2013/05/20	product family		PwrBlade		rel level		Released	
<div></div>		title			44S		dwg no		rev	
		VERTICAL PRESS-FIT RECEPT			51940-489		A			
www.fci.com		cat. no.		*	Product - Customer Drw				sheet 4 of 4	