

PRODUCT NO.	ROWS	SIGNAL											
		E2	11	10	9	8	7	6	5	4	3	2	
51940-489	D C B A		F	F	X	F	F	F	F	F	F	F	E1
NOTE: 3			F	F	X	F	F	F	F	F	F	F	
			F	F	X	F	F	F	F	F	F	F	
			F	F	X	F	F	F	F	F	F	F	
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A

A

B

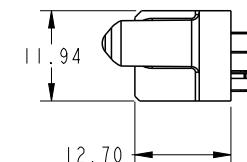
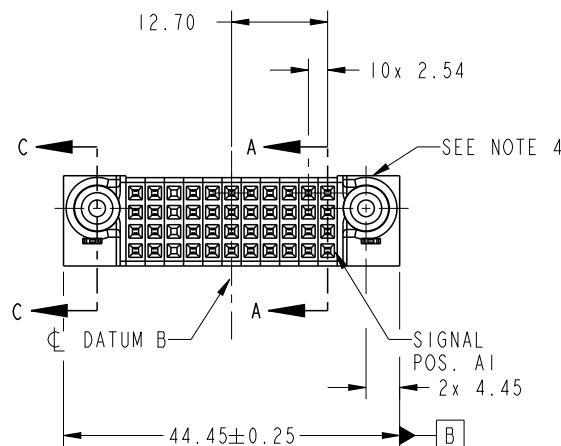
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C

C

D

D



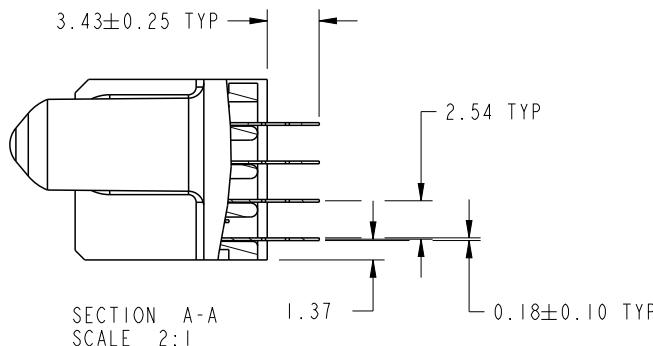
CODE	DIM "M" MATING LENGTH	CONTACT TYPE
F	[N/A]	SIGNAL
HA	[N/A]	HOLD-DOWN
X	OMITTED	OMITTED

spec ref	* TOLERANCES UNLESS OTHERWISE SPECIFIED			dr	Luo Weller	2013/04/18	projection	MM	size	scale
tolerance std	SEE NOTE			eng	Luo Weller	2013/05/20			A4	1:1
				chr	-	-			ecn no	-
				appr	Pei-Ming Zheng	2013/05/20	product family	PwrBlade	rel level	Released
surface	✓	linear	0.X	±0.5		44S	VERTICAL PRESS-FIT RECEPT	dwg no	51940-489	rev A
		linear	0.XX	±0.25						
		linear	0.XXX	±0.1						
		angular	0°	±2°						
					www.fci.com	cat. no.	*	Product - Customer Drw	sheet 1 of 4	

## PRODUCT NUMBER

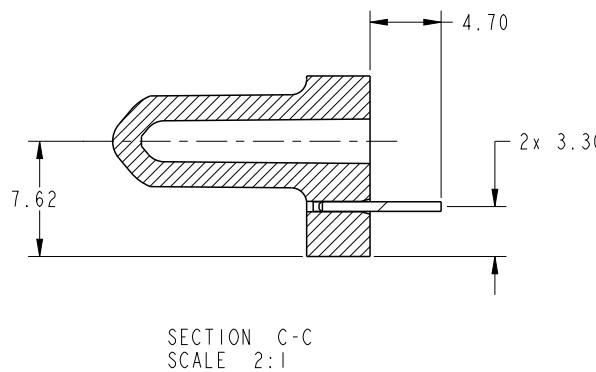
51940-489  
NOTE: 3

A



B

A



Copyright FCI.

D

B

C

D

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

PRODUCT NUMBER
51940-489_
NOTE: 3

A

A

B

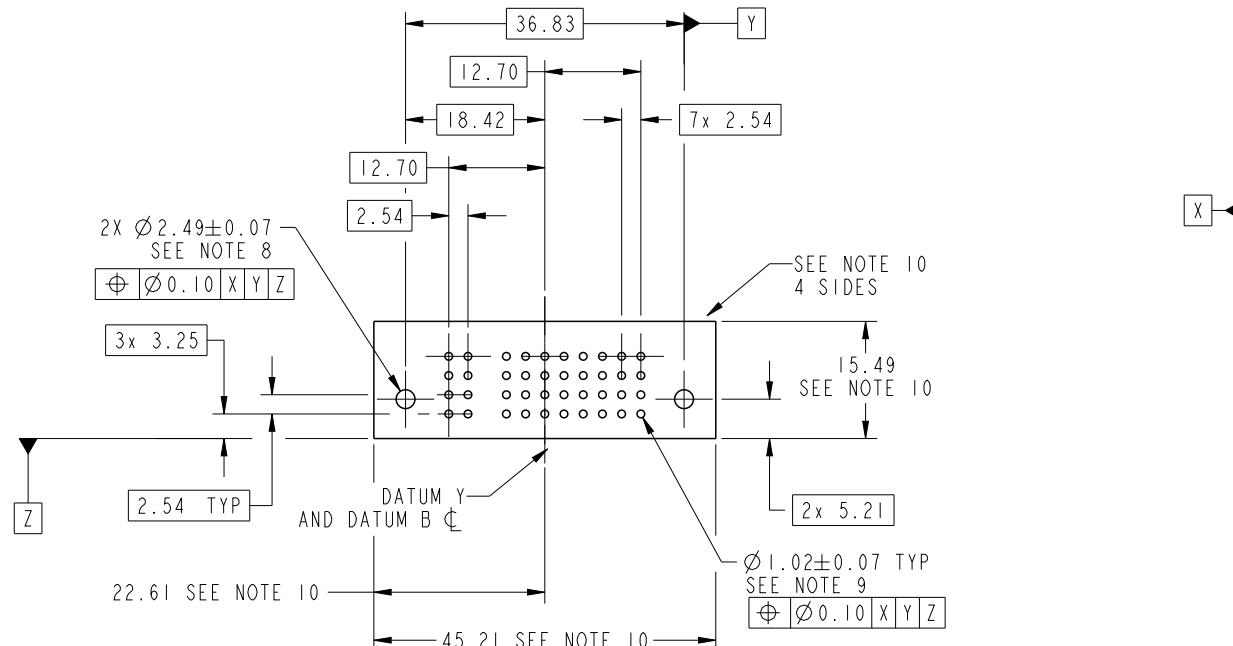
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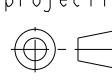
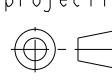
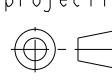
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D

D



dr	Luo Weller	2013/04/18	projection	MM	size	A4	scale
eng	Luo Weller	2013/05/20					
chr	-	-					
appr	Pei-Ming Zheng	2013/05/20	product family	PwrBlade	rel level	Released	
<b>FCI</b>		44S	dwg no			51940-489	rev
<a href="http://www.fci.com">www.fci.com</a>		cat. no.	*	Product - Customer Drw		sheet 3 of 4	A

PRODUCT NUMBER																																																										
51940-489_																																																										
NOTE: 3																																																										
<p>NOTES:</p> <p>A 1. DIMENSIONS AND TOLERANCES ARE IN ACCORDANCE WITH ASME Y14.5M, 1994 UNLESS OTHERWISE SPECIFIED.</p> <p>CONNECTOR NOTES:</p> <p>(2) HOUSING MATERIAL: UL 94 V-0 GLASS FILLED HIGH-TEMP THERMOPLASTIC POWER CONTACT MATERIAL: COPPER ALLOY SIGNAL PIN MATERIAL: COPPER ALLOY</p> <p>3. SEE ITEM 7 &amp; 8 IN PRINT 10064183 FOR PLATING SPEC OF 51940-489 AND 51940-489LF RESPECTIVELY.</p> <p>(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.</p> <p>5. PRODUCT SPECIFICATION GS-12-149. APPLICATION SPECIFICATION BUS-20-067.</p> <p>6. PACKAGED IN TRAYS.</p> <p>PCB NOTES:</p> <p>7. ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE.</p> <p>(8) MOUNTING HOLES, WHERE APPLICABLE, ARE UNPLATED.</p> <p>(9) <math>\phi 1.151 \pm 0.025</math> DRILLED HOLES PLATED WITH 0.008 MIN SnPb OR Sn OVER 0.03 TO 0.08 Cu PLATING TO ACHIEVE <math>\phi 1.02 \pm 0.07</math> HOLE.</p> <p>(10) CONNECTOR KEEP-OUT ZONE.</p> <p>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.</p>																																																										
<p>FCI</p> <p>Copyright FCI.</p>																																																										
<table border="1"> <tr> <td>dr</td> <td>Luo Weller</td> <td>2013/04/18</td> <td rowspan="4">  </td> <td rowspan="4">MM</td> <td>size</td> <td>A4</td> <td>scale</td> </tr> <tr> <td>eng</td> <td>Luo Weller</td> <td>2013/05/20</td> <td>ecn no</td> <td colspan="3">-</td> </tr> <tr> <td>chr</td> <td>-</td> <td>-</td> <td>pwr blade</td> <td colspan="3">Released</td> </tr> <tr> <td>appr</td> <td>Pei-Ming Zheng</td> <td>2013/05/20</td> <td>rel level</td> <td colspan="3">Released</td> </tr> <tr> <td colspan="2">  </td> <td colspan="3">44S</td> <td colspan="2">51940-489</td> <td>rev A</td> </tr> <tr> <td colspan="2"></td> <td colspan="3">VERTICAL PRESS-FIT RECEPT</td> <td colspan="2">dwg no</td> <td></td> </tr> <tr> <td colspan="2">www.fci.com</td> <td colspan="3">cat. no.</td> <td>*</td> <td>Product - Customer Drw</td> <td>sheet 4 of 4</td> </tr> </table>						dr	Luo Weller	2013/04/18		MM	size	A4	scale	eng	Luo Weller	2013/05/20	ecn no	-			chr	-	-	pwr blade	Released			appr	Pei-Ming Zheng	2013/05/20	rel level	Released					44S			51940-489		rev A			VERTICAL PRESS-FIT RECEPT			dwg no			www.fci.com		cat. no.			*	Product - Customer Drw	sheet 4 of 4
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