

Excellent Integrated System Limited

Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

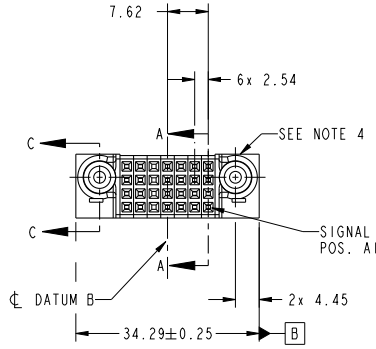
[FCI](#)

[51940-520LF](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

PRODUCT NO.	ROWS	SIGNAL								
		E2	7	6	5	4	3	2	1	E1
51940-520-- NOTE: 3	D	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗
	C	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗
	B	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗
A	A	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗



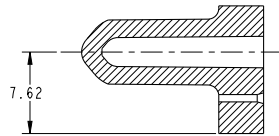
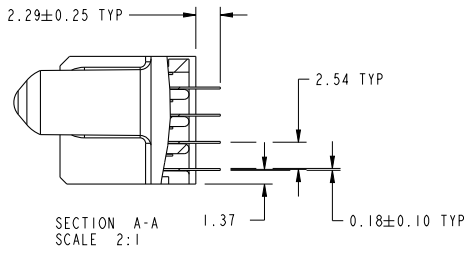
CODE	DIM "M" MATING LENGTH	CONTACT TYPE
E	[N/A]	SIGNAL
X		OMITTED

spec ref	*	dr	Ruan MT	2013/12/23	projection	MM	size	A4	scale	1:1																	
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	Luo Weller	2014/01/07			ecp no	-	rel level	Released																	
SEE NOTE		chr	-	-			product family	PwrBlade																			
surface	<table border="1"> <tr> <td>linear</td> <td>0.X</td> <td>±0.5</td> </tr> <tr> <td></td> <td>0.XX</td> <td>±0.25</td> </tr> <tr> <td></td> <td>0.XXX</td> <td>±0.1</td> </tr> <tr> <td>angular</td> <td>0°</td> <td>±2°</td> </tr> </table>	linear	0.X	±0.5		0.XX	±0.25		0.XXX	±0.1	angular	0°	±2°	appr	Pei-Ming Zheng	2014/01/07		<table border="1"> <tr> <td>title</td> <td>28S</td> </tr> <tr> <td>type</td> <td>VERTICAL SOLDER RECEPT</td> </tr> </table>	title	28S	type	VERTICAL SOLDER RECEPT	<table border="1"> <tr> <td>dwg no</td> <td>51940-520</td> </tr> </table>	dwg no	51940-520	rev	A
linear	0.X	±0.5																									
	0.XX	±0.25																									
	0.XXX	±0.1																									
angular	0°	±2°																									
title	28S																										
type	VERTICAL SOLDER RECEPT																										
dwg no	51940-520																										
<small>Print File - REV C - 2009-08-09</small>		www.fci.com		<table border="1"> <tr> <td>cat. no.</td> <td>*</td> </tr> </table>	cat. no.	*	Product - Customer Drw		sheet 1 of 4																		
cat. no.	*																										



Copyright FCI.

PRODUCT NUMBER
51940-520-
NOTE: 3



SECTION C-C
SCALE 2:1

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

Prod File - REV C - 2009-08-09

1

2

3

PDS: Rev :A

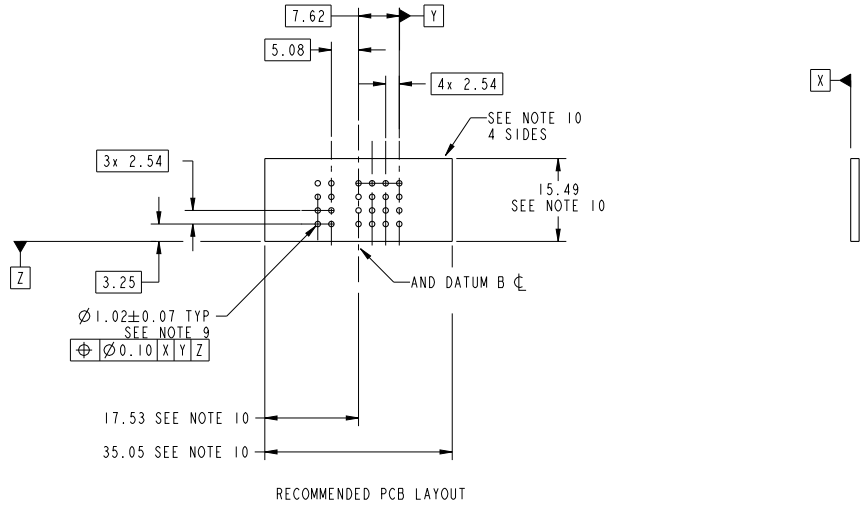
STATUS:Released

Printed: Jan 08, 2014



Copyright FCI.

PRODUCT NUMBER
51940-520...
NOTE: 3



RECOMMENDED PCB LAYOUT

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

Print File - REV C - 2009-08-09

PDS: Rev :A

STATUS:Released

Printed: Jan 08, 2014



Copyright FCI.

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.																																																		
<table border="1"> <tr> <td>dr</td> <td>Ruan MT</td> <td>2013/12/23</td> <td rowspan="2">projection</td> <td rowspan="2">MM</td> <td>size</td> <td>A4</td> <td>scale</td> <td>1:1</td> </tr> <tr> <td>eng</td> <td>Luo Weller</td> <td>2014/01/07</td> <td rowspan="2"> </td> <td>ecn no</td> <td>-</td> <td colspan="2">rel level</td> <td>Released</td> </tr> <tr> <td>chr</td> <td>-</td> <td>-</td> <td colspan="2">product family</td> <td colspan="2">PwrBlade</td> <td colspan="2"></td> </tr> <tr> <td>appr</td> <td>Pei-Ming Zheng</td> <td>2014/01/07</td> <td colspan="2"> </td> <td colspan="2"> title 28S VERTICAL SOLDER RECEPT </td> <td colspan="2"> dwg no 51940-520 rev A </td> </tr> <tr> <td colspan="2">www.fci.com</td> <td>cat. no.</td> <td>*</td> <td colspan="3">Product - Customer Drw</td> <td colspan="2">sheet 4 of 4</td> </tr> </table>		dr	Ruan MT	2013/12/23	projection	MM	size	A4	scale	1:1	eng	Luo Weller	2014/01/07		ecn no	-	rel level		Released	chr	-	-	product family		PwrBlade				appr	Pei-Ming Zheng	2014/01/07			title 28S VERTICAL SOLDER RECEPT		dwg no 51940-520 rev A		www.fci.com		cat. no.	*	Product - Customer Drw			sheet 4 of 4		PDS: Rev :A STATUS:Released Printed: Jan 08, 2014			
dr	Ruan MT	2013/12/23	projection	MM			size	A4	scale	1:1																																								
eng	Luo Weller	2014/01/07				ecn no	-	rel level		Released																																								
chr	-	-	product family			PwrBlade																																												
appr	Pei-Ming Zheng	2014/01/07			title 28S VERTICAL SOLDER RECEPT		dwg no 51940-520 rev A																																											
www.fci.com		cat. no.	*	Product - Customer Drw			sheet 4 of 4																																											



Copyright FCI.