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Stocking Distributor

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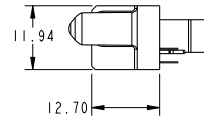
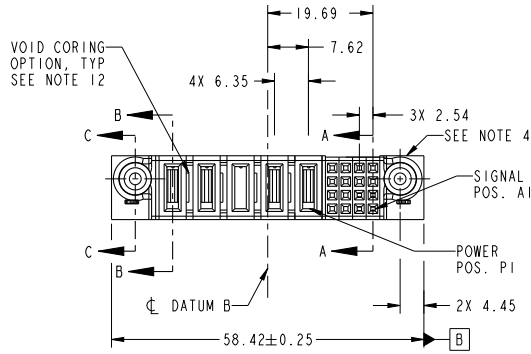
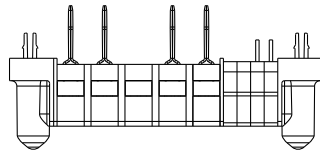
[FCI](#)

[51940-519LF](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

PRODUCT NO.	ROWS	POWER						SIGNAL				
		E2	P5	P4	P3	P2	P1	4	3	2	1	E1
51940-519-- NOTE: 3	D C B A											



CODE	DIM "M" MATING LENGTH	CONTACT TYPE
E	[N/A]	SIGNAL
HA	[N/A]	HOLD-DOWN
PG	[1.07]	POWER
X	[N/A]	OMITTED

spec ref	SEE NOTES	dr	Ruan MT	2013/12/04	projection		size	A4	scale	1:1		
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	Ruan MT	2014/01/07		product family	ecn no	-	rel level	Released		
SEE NOTE		chr	-	-								
surface	linear	appr	Pei-Ming Zheng	2014/01/07	PwrBlade		dwg no		51940-519	rev	A	
	0.X	±0.5			16S + 5P		VERTICAL SOLDER RECEPT		www.fci.com		cat. no. -	
	0.XX	±0.25										
	0.XXX	±0.1										
	angular	0°	Product - Customer Drw		sheet 1 of 4		PDS: Rev :A		STATUS:Released		Printed: Jan 07, 2014	

Print File : REC - 2009-08-09

1

2

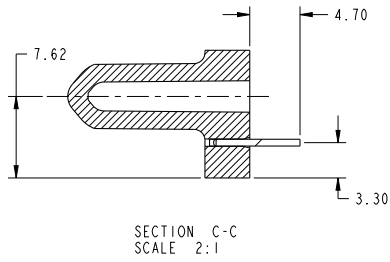
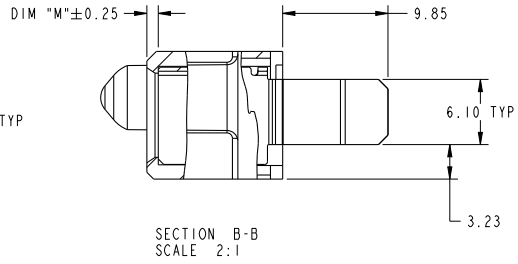
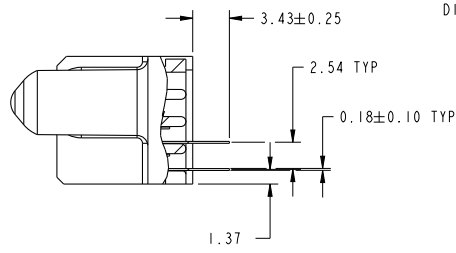
3

PDS: Rev :A

STATUS:Released

Printed: Jan 07, 2014

PRODUCT NUMBER
51940-519LF
NOTE: 3



dr	Ruan MT	2013/12/04	projection	MM	size	A4	scale	1:1
eng	Ruan MT	2014/01/07			ecn no	-		
chr	-	-	product family		PwrBlade	rel level		Released
appr	Pei-Ming Zheng	2014/01/07	title		16S + 5P	dwg no		51940-519
www.fci.com			VERTICAL SOLDER RECEPT		rev		A	
cat. no.			-		Product - Customer Drw		sheet 2 of 4	

Print File : REV C - 2009-08-09

PDS: Rev :A

STATUS:Released

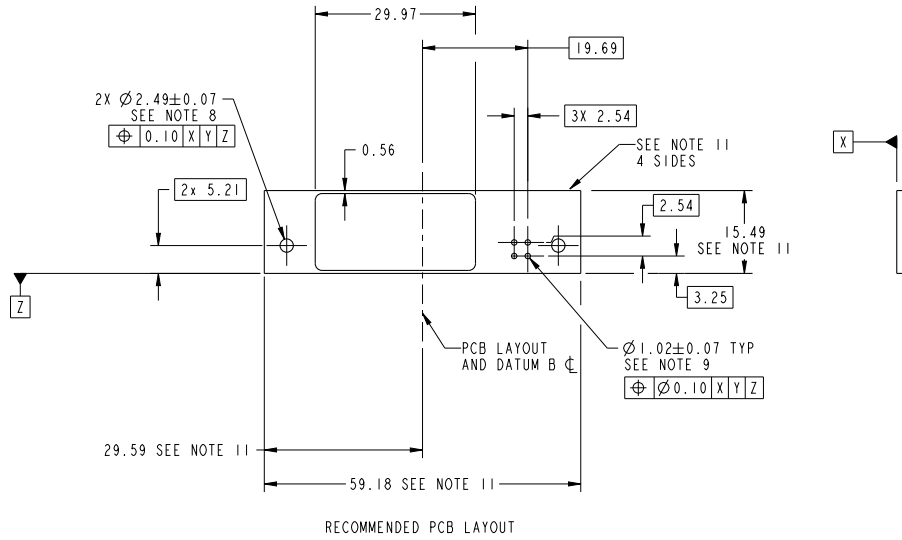
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PRODUCT NUMBER

51940-519...
NOTE: 3



RECOMMENDED PCB LAYOUT

dr	Ruan MT	2013/12/04	projection	MM	size	A4	scale	1:1
eng	Ruan MT	2014/01/07			ecn no	-	rel level	Released
chr	-	-			product family	PwrBlade	rev	A
appr	Pei-Ming Zheng	2014/01/07			title	16S + 5P VERTICAL SOLDER RECEPT		cat. no. - Product - Customer Drw sheet 3 of 4
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PRODUCT NUMBER
51940-519_
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 51940-519 AND 51940-519LF RESPECTIVELY.
 - ④ MANUFACTURER'S NAME, DATE CODE AND OPTIONAL P/N TO APPEAR ON THIS SURFACE. THE P/N 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 "DIM XXX" TO BE DETERMINED BY THE CUSTOMER.
 - ⑪ CONNECTOR KEEP-OUT ZONE.
 12. 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.



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eng	Ruan MT	2014/01/07	ecn no			-					
chr	-	-	product family	PwrBlade		rel level	Released				
appr	Pei-Ming Zheng	2014/01/07			title	16S + 5P		dwg no	51940-519	rev	A
www.fci.com		cat. no.	-		Product - Customer Drw		sheet 4 of 4				

Print File : REC - 2009-01-09