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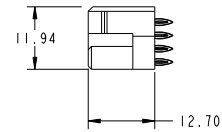
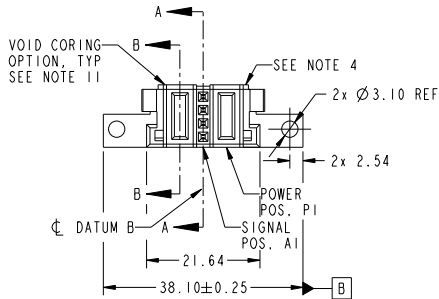
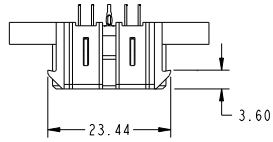
[FCI](#)

[51940-501LF](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

PRODUCT NO.	ROWS	POW	S	POW	E1
51940-501... NOTE: 3	D C B A	E2	P2	P1	E1



CODE	DIM "M" MATING LENGTH	CONTACT TYPE
PF	[2.34]	POWER
PC	[1.07]	POWER
F	[N/A]	SIGNAL

spec ref	*	dr	Luo Weller	2013/06/18
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	Luo Weller	2013/07/14
SEE NOTE		chr	-	-
surface	linear	appr	Pei-Ming Zheng	2013/07/14
	0.X			
	0.XX			
	0.XXX			
	angular			
	0°			

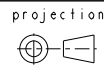


IP+4S+IP

VERTICAL PRESS-FIT RECEPT

www.fci.com

cat. no.



MM

product family PwrBlade

size	A4	scale	1:1
ecn no	-	rel level	-

51940-501

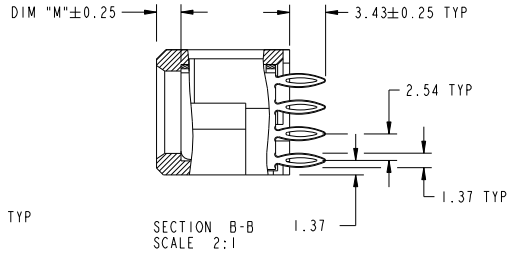
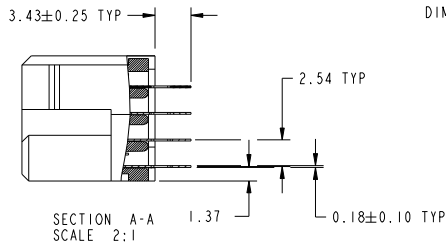
Released

rev A

Product - Customer Drw

sheet 1 of 4

PRODUCT NUMBER
51940-501--
NOTE: 3



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dr	Luo Weller	2013/06/18	projection	MM	size	A4	scale	1:1
eng	Luo Weller	2013/07/14			ecn no	-	Released rev A A	
chr	-	-			product family	PwrBlade		rel level
appr	Pei-Ming Zheng	2013/07/14			dwg no	51940-501		
www.fci.com		cat. no.	Product - Customer Drw		sheet 2 of 4			

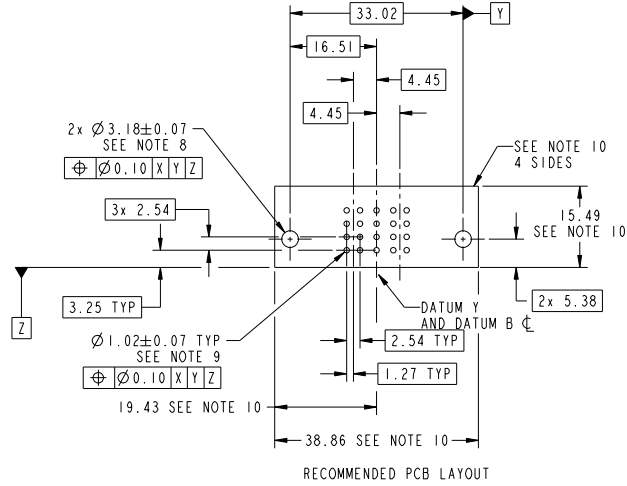
PwrBlade - REV C - 2009-06-09

PDS: Rev :A

STATUS:Released

Printed: Jul 16, 2013

PRODUCT NUMBER
51940-501...
NOTE: 3



RECOMMENDED PCB LAYOUT

dr	Luo Weller	2013/06/18	projection	MM	size	A4	scale	1:1
eng	Luo Weller	2013/07/14			ecn no	-	rel level	Released
chr	-	-			product family	PwrBlade	rev	A
appr	Pei-Ming Zheng	2013/07/14			cat. no.	IP+4S+IP	51940-501	Product - Customer Drw
www.fci.com			VERTICAL PRESS-FIT RECEPT		cat. no.	Product - Customer Drw	sheet 3 of 4	STATUS: Released

PAGE 1/11 - REV C - 2009-06-01

PDS: Rev :A

STATUS: Released

Printed: Jul 16, 2013



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PRODUCT NUMBER

51940-501...
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 51940-501 AND 51940-501LF 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.



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dr	Luo Weller	2013/06/18	projection	MM	size	A4	scale	1:1
eng	Luo Weller	2013/07/14			ecn no	-		
chr	-	-			rel level			
appr	Pei-Ming Zheng	2013/07/14	product family	PwrBlade				
	title	IP+4S+IP	dwg no	51940-501	rev			Released
www.fci.com	cat. no.							A
								Product - Customer Drw
								sheet 4 of 4

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