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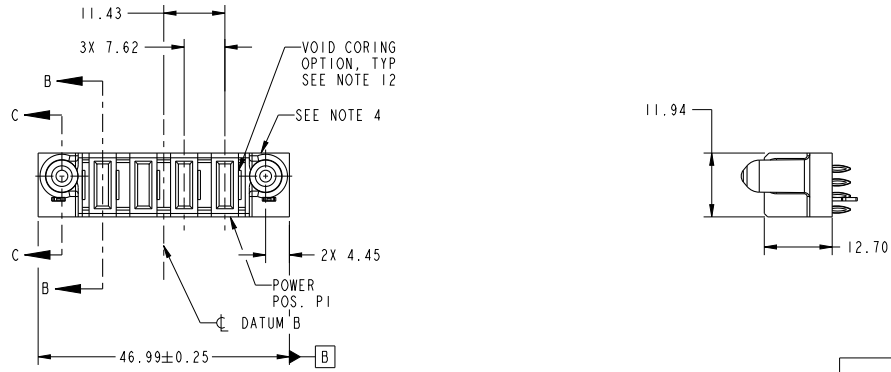
[FCI](#)

[51940-399LF](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

PRODUCT NO.	POWER					
	E2	P4	P3	P2	P1	E1
51940-399-- NOTE: 3						



CODE	DIM "M" MATING LENGTH	CONTACT TYPE
PF	[2.34]	POWER
HA	[N/A]	HOLD-DOWN
PC	[1.07]	POWER

spec ref	See Notes		dr	Hong-Tu, Zhang	2011/08/09	projection		MM	size	A4	scale	1:1
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED		eng	Guang, Shi	2011/09/20	product family	PwrBlade	ecn no	rel level	Released	rev	A
See Notes			chr	-	-							
surface	linear	0.X ±0.50	appr	Pei-Ming Zheng	2011/09/20	4ACP		51940-399				
		0.XX ±0.25			VERTICAL PF RECEPT							
		0.XXX ±0.10	www.fci.com		cat. no.		Product - Customer Drw		sheet 1 of 4			
	angular	0° ±2°										

Prod File - REC - 2009-08-09

1

2

3

PDS: Rev :A

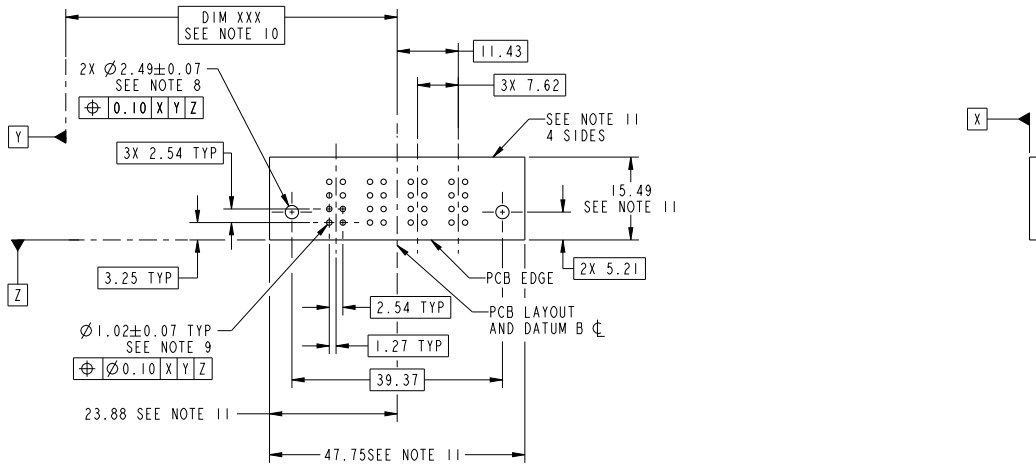
STATUS:Released

Printed: Sep 20, 2011



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PRODUCT NUMBER
51940-399:...



RECOMMENDED PCB LAYOUT

dr	Hong-Tu, Zhang	2011/08/09	projection	MM	size	A4	scale	1:1
eng	Guang, Shi	2011/09/20			ecn no	-	Released	
chr	-	-			rel level	-		
appr	Pei-Ming Zheng	2011/09/20	product family		PwrBlade			
			4ACP			dwg no 51940-399		rev A
www.fci.com			cat. no.		Product - Customer Drw		sheet 3 of 4	

Print File : REV C - 2009-06-09

PRODUCT NUMBER
51940-399:...

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 51940-399 AND 51940-399LF 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.

dr	Hong-Tu, Zhang	2011/08/09	projection		MM	size	A4	scale	1:1	
eng	Guang, Shi	2011/09/20	chr			-	ecn no	-		
appr	Pei-Ming Zheng	2011/09/20	product family	PwrBlade		rel level	Released			
			title	4ACP VERTICAL PF RECEPT		dwg no	51940-399		rev	A
www.fci.com			cat. no.	Product - Customer Drw			sheet 4 of 4			

Print File - REC - 2009-08-09

