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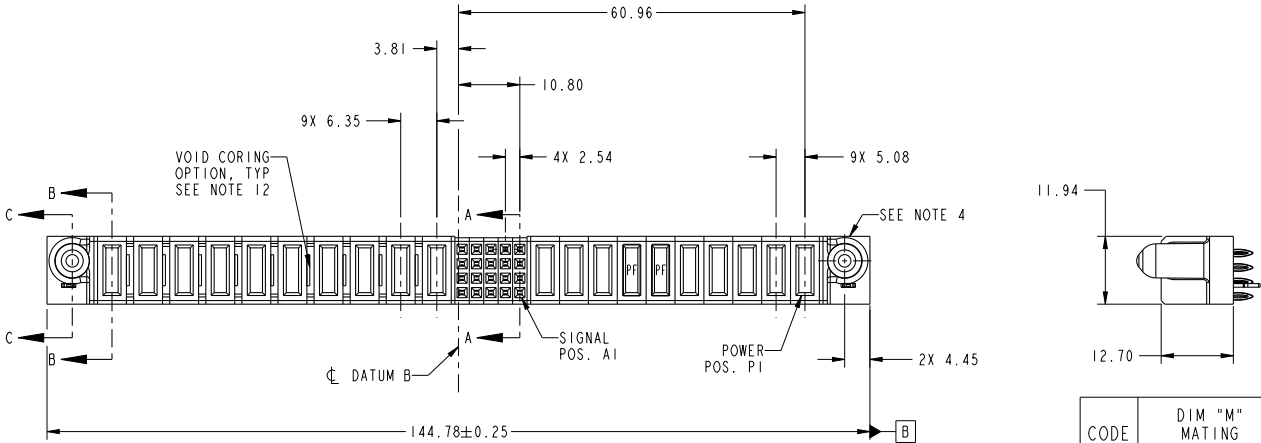
[FCI](#)

[51940-388LF](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

PRODUCT NO.	ROWS	POWER										SIGNAL				POWER										
		E2	P20	P19	P18	P17	P16	P15	P14	P13	P12	P11	S4	S3	S2	S1	P10	P9	P8	P7	P6	P5	P4	P3	P2	P1
51940-388-- NOTE: 3	D C B A		PF	PF	PF	PF	PF	PC	PC	PC	PC	PF	PF	PF	PF	PF	PF	PF	PF	PF	PF	PF	PF	PC	PC	



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

spec ref	See Notes		dr	X Q Wang	2011/05/14	projection		size	A4	scale	17:16
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED		eng	X Q Wang	2011/06/14	product family	PwrBlade	ecn no	-	rel level	Released
See Notes			chr	-	-						
surface	linear	0.X ±0.5	appr	Pei-Ming Zheng	2011/06/15	10P + 20S + 10P		dwg no	51940-388	rev	A
		0.XX ±0.25			VERTICAL PRESS-FIT RECEPT						
	angular	0° ±2°	www.fci.com		cat. no.	-		Product - Customer Drw		sheet 1 of 4	

Print File - REV C - 2009-08-09

1

2

3

PDS: Rev :A

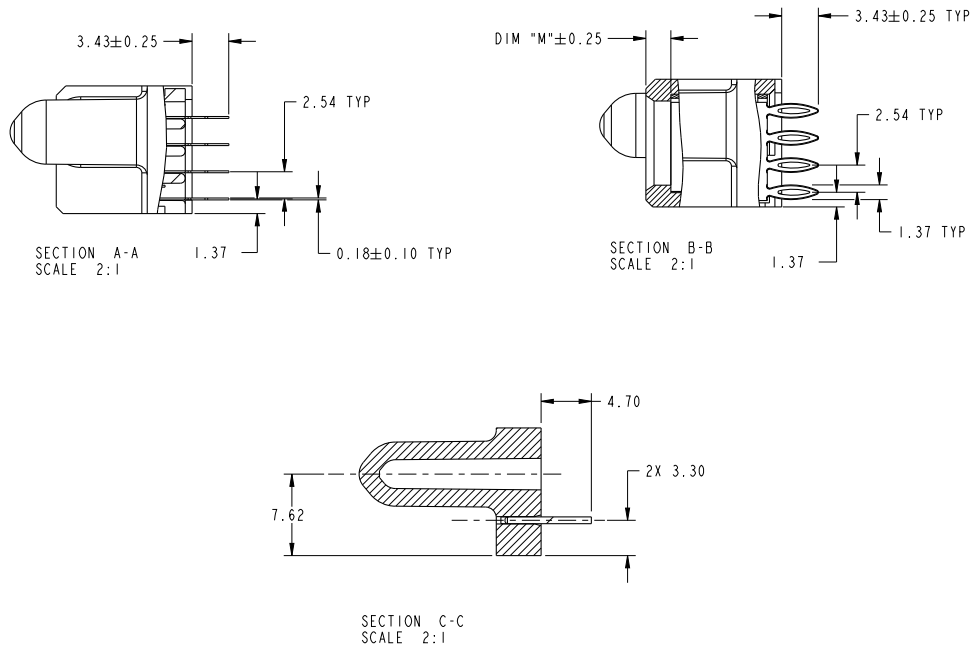
STATUS:Released

Printed: Jun 15, 2011



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PRODUCT NUMBER
51940-388--
NOTE: 3



spec ref	See Notes			dr	X Q Wang	2011/05/14	projection	MM	size	A4	scale	17:16
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	X Q Wang	2011/06/14			ecn no	-	rel level	Released
See Notes				chr	-	-			product family	PwrBlade		
surface	linear	0.X	±0.5	appr	Pei-Ming Zheng	2011/06/15			rev	51940-388	A	
		0.XX	±0.25				title 10P + 20S + 10P VERTICAL PRESS-FIT RECEPT		cat. no.	-	Product - Customer Drw	sheet 2 of 4
		0.XXX	±0.1									
	angular	0°	±2°									

Print File : REC - 2009-06-09

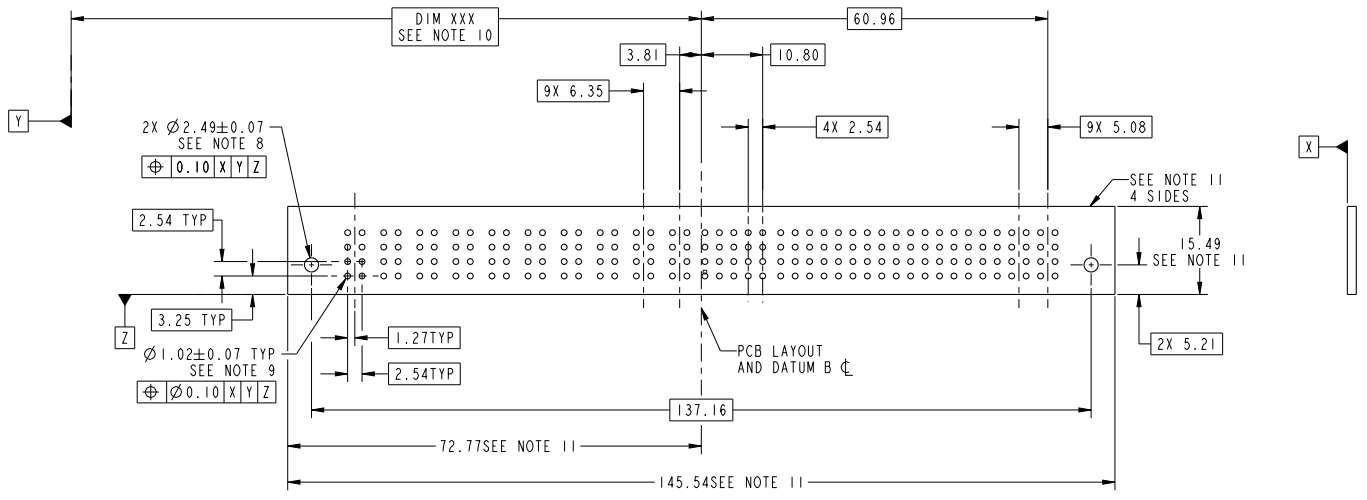
PDS: Rev :A

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NOTE: 3



RECOMMENDED PCB LAYOUT

spec ref	See Notes			dr	X Q Wang	2011/05/14	projection	MM	size	A4	scale	17:16
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	X Q Wang	2011/06/14			ecn no	-	rel level	Released
See Notes				chr	-	appr						
surface	linear	0.X	±0.5		title			10P + 20S + 10P VERTICAL PRESS-FIT RECEPT	www.fci.com	cat. no. -	Product - Customer Drw	sheet 3 of 4
		0.XX	±0.25		title 51940-388	rev A						
	angular	0°	±2°									

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PRODUCT NUMBER
51940-388-- 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 51940-388 AND 51940-388LF 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.

spec ref	See Notes			dr	X Q Wang	2011/05/14	projection	MM	size	A4	scale	1:1	
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	X Q Wang	2011/06/14		← →	ecn no	-			
See Notes				chr	-	-			product family	PwrBlade	rel level	Released	
surface	linear	0.X	±0.5	appr	Pei-Ming Zheng	2011/06/15	title		10P + 20S + 10P	dwg no	51940-388	rev	A
		0.XX	±0.25				VERTICAL PRESS-FIT RECEPT						
		0.XXX	±0.1	www.fci.com	cat. no.	-	Product - Customer Drw					sheet 4 of 4	
	angular	0°	±2°										

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