

Excellent Integrated System Limited

Stocking Distributor

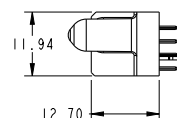
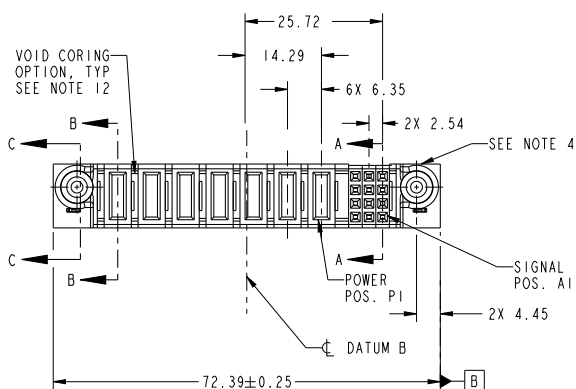
Click to view price, real time Inventory, Delivery & Lifecycle Information:

[FCI](#)
[51940-408LF](#)

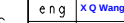
For any questions, you can email us directly:

sales@integrated-circuit.com

PRODUCT NO.	ROWS	POWER								SIGNAL			
		E2	P7	P6	P5	P4	P3	P2	P1	3	2	1	E1
51940-408_	D		PA	X	PA	X	PA	X	PA				
NOTE: 3	C												
	B												
	A												

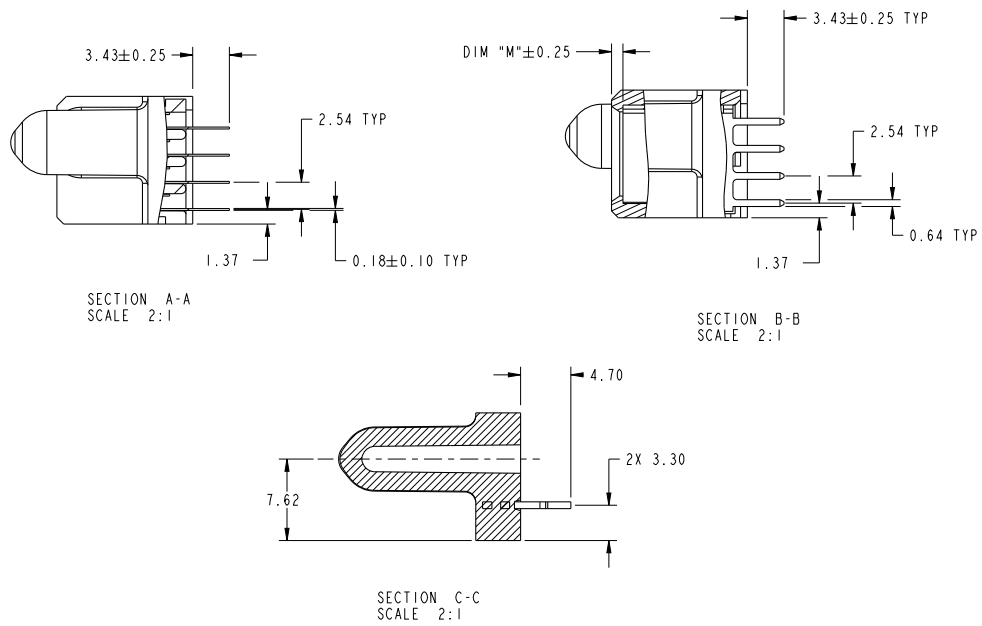


CODE	DIM "M" MATING LENGTH	CONTACT TYPE
E	[N/A]	SIGNAL
PA	[1.07]	POWER
HA	[N/A]	HOLD-DOWN
X	OMITTED	OMITTED

spec ref *			dr X Q Wang 2011/11/23				size A4		scale 1:1	
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED		eng X Q Wang 2011/11/29				ecn no -			
			chr - -							
SEE NOTE			appr Pei-Ming Zheng 2011/11/30		product family PwrBlade		rel level Released			
surface 	linear	0.X	±0.5		title 12 S + 7 P VERTICAL SOLDER RECEPT	dwg no 51940-408	rev A			
		0.XX	±0.25							
		0.XXX	±0.1							
		angular	0°	±2°	www.fci.com	cat. no. *	Product - Customer Drw		sheet 1 of 4	

PRODUCT NUMBER

51940-408--
NOTE: 3



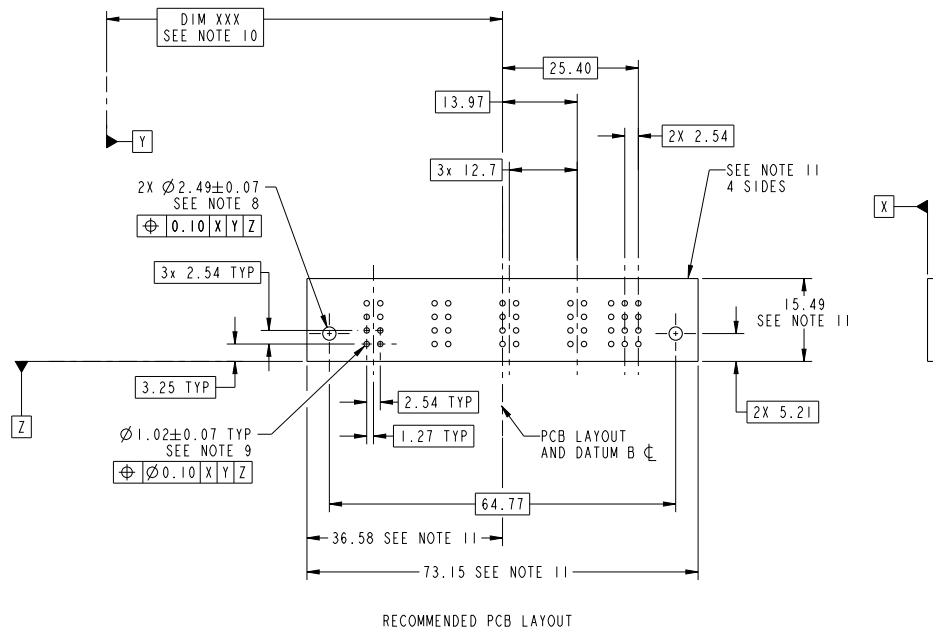
dr	X Q Wang	2011/11/23	projection	MM	size	A4	scale	1:1
eng	X Q Wang	2011/11/29			ecn no	-		
chr	-	-			rel level	Released		
appr	Pei-Ming Zheng	2011/11/30	product family	PwrBlade				
			title 12 S + 7 P VERTICAL SOLDER RECEPT			dwg no 51940-408 rev A		
www.fci.com			cat. no.	*	Product - Customer Drw			sheet 2 of 4

Print Date : 2011-11-30

PDS: Rev :A STATUS:Released Printed: Nov 30, 2011

PRODUCT NUMBER

51940-408-
NOTE: 3



RECOMMENDED PCB LAYOUT

dr	X Q Wang	2011/11/23	projection	MM	size	A4	scale	1:1
eng	X Q Wang	2011/11/29			ecn no	-		
chr	-	-			rel level	Released		
appr	Pei-Ming Zheng	2011/11/30	product family	PwrBlade				
				title	12 S + 7 P	dwg no	51940-408	rev
				VERTICAL SOLDER RECEPT				A
cat. no.				Product - Customer Drw				sheet 3 of 4

Print File : REV C - 2009-08-09

PRODUCT NUMBER

51940-408-
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 51940-408 AND 51940-408LF 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	X Q Wang	2011/11/23	projection	MM	size	A4	scale	1:1
eng	X Q Wang	2011/11/29			ecn no	-		
chr	-	-			rel level	Released		
appr	Pei-Ming Zheng	2011/11/30	product family		PwrBlade			
	title	12 S + 7 P VERTICAL SOLDER RECEPT			dwg no	51940-408		rev
www.fci.com	cat. no.	*	Product - Customer Drw			sheet 4 of 4		

Print File : REV C - 2009-08-09