



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



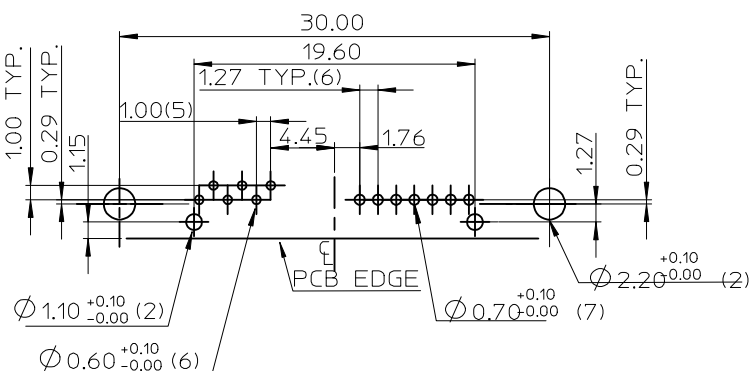
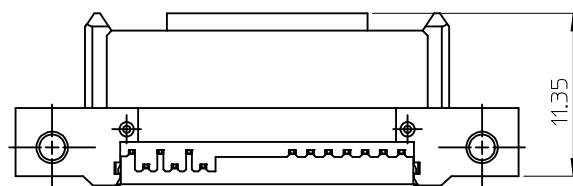
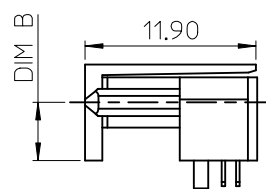
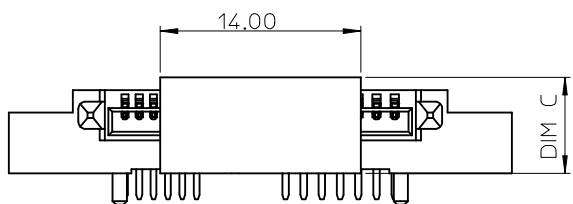
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RECOMMENDED PC BOARD LAYOUT
TOLERANCE: $\pm 0.05\text{mm}$ (TOP VIEW)

P/N	PLATING OPTIONS	DIM A	DIM B	DIM C	WITHSTANDING MFG TEST
48325-4001	GOLD FLASH	5.80	4.05	6.70	NO
48325-4002	15 MICROINCH				NO
48325-4003	30 MICROINCH				YES
48325-5001	GOLD FLASH	10.80	9.05	11.70	NO
48325-5002	15 MICROINCH				NO
48325-5003	30 MICROINCH				YES
48325-6001	GOLD FLASH	7.30	5.55	8.20	NO
48325-6002	15 MICROINCH				NO
48325-6003	30 MICROINCH				YES

NOTES:

1.MATERIAL:

HOUSING & CAP: LIQUID CRYSTAL POLYMER, GLASS FIBER FILLED,
UL94V-0, COLOR: BLACK.

TERMINAL: COPPER ALLOY.

NUT: ZINC ALLOY.

2.PLATING:

TERMINAL:

CONTACT AREA: SEE TABLE

SOLDER TAIL: MATTE TIN, THICKNESS = 100 MICROINCH MIN / 2.54 MICROMETER MIN.
UNDER PLATE: NICKEL (Ni).

NUT: NICKEL (Ni), THICKNESS = 50 MICROINCH MIN / 1.27 MICROMETER MIN.

3. MATES WITH: SERIES 47300.

4. RECOMMENDED PCB THICKNESS: $1.20 \pm 0.05\text{mm}$

5. PRODUCT SPECIFICATION REFER TO PS-48321-001

6. TEST SUMMARY REFER TO TS-48325-001

7. PACKAGING SPECIFICATION REFER TO PK-48325-001

8. LEAD FREE & RoHS COMPLIANT PRODUCT.

SEE SHEET1 EC NO: SH2008-0643 DRW: LLIU10 CHKD: DAVID APPR: HWANG	2008/09/18
	2008/10/13

QUALITY SYMBOLS	DESCRIPTION
$\nabla = 0$	
$\nabla = 0$	

GENERAL TOLERANCES (UNLESS SPECIFIED)	mm	INCH
4 PLACES	± 0.25	± 0.010
3 PLACES	± 0.25	± 0.010
2 PLACES	± 0.25	± 0.010
1 PLACE	± 0.25	± 0.010
ANGULAR $\pm 3^\circ$		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		

DIMENSION STYLE	
MM ONLY	
DRAWN BY	DATE
LINDA	2008/01/04
CHECKED BY	DATE
ALLEN LIN	2008/01/07
APPROVED BY	DATE
ERICK LAN	2008/01/07
MATERIAL NO.	
SEE TABLE	

SCALE 1:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION
TITLE		
SLIMLINE SATA RECEPTACLE REVERSE RIGHT ANGLE WITH SCREW		
MOLEX INCORPORATED		
DOCUMENT NO.		
SD-48325-001		SHEET NO. 2 OF 2