

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!



## Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: [info@chipsmall.com](mailto:info@chipsmall.com) Web: [www.chipsmall.com](http://www.chipsmall.com)

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China

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A technical line drawing of a component. A vertical line on the left has a horizontal dimension line extending to the right, with arrowheads at both ends. The dimension line is labeled "DIM X±0.39". The component itself is a rectangular frame with a central vertical line. On the left side, there is a vertical slot with a horizontal tab extending from the top. On the right side, there is a vertical slot with a horizontal tab extending from the bottom. The top and bottom edges of the frame have a series of rectangular cutouts, each containing a small square with a cross inside. There are ten such cutouts in total, arranged in two rows of five. The bottom edge of the frame also features a series of small, rectangular protrusions or feet.

A technical drawing of a component. At the top, a horizontal line with arrowheads at both ends is labeled "DIM Y". Below this is a rectangular frame. Inside the frame, there are two vertical rectangular slots, one on the left and one on the right. A horizontal line extends from the left side of the frame, passing through the left slot, and then continues to the right, ending at a dimension line labeled "3.00". Along this horizontal line, there are seven vertical segments, each consisting of a short line segment above a longer line segment. The drawing is composed of black lines on a white background.

! MATERIAL;  
CONTACTS - BRASS.  
HOUSING - UL 94V-0 RATED HIGH TEMP NYLON,  
COLOR; BLACK.  
HOLDDOWNS - PHOSPHOR BRONZE.

2 PLATING;  
CONTACTS - 0.38 $\mu$ m MINIMUM GOLD OVER 2.54 $\mu$ m  
MINIMUM NICKEL ON MATING AREA.  
2.54 $\mu$ m TIN-LEAD MINIMUM OVER 2.54 $\mu$ m  
NICKEL MINIMUM ON SOLDER TAIL.  
HOLDOWNS - 2.54 $\mu$ m TIN-LEAD.

3 DIMENSION APPLIES TO SOLDERTAIL SURFACES AND STANDOFF SURFACES.

4 RECOMMENDED PC BOARD THICKNESS OF 1.57.

 5 ALL SOLDERTAILS AND HOLDDOWNS.

6 PLATING;  
CONTACTS - 0.38 $\mu$ m MINIMUM GOLD OVER 2.54 $\mu$ m  
MINIMUM NICKEL ON MATING AREA.  
2.54 $\mu$ m MATTE TIN MINIMUM OVER 2.54 $\mu$ m  
NICKEL MINIMUM ON SOLDER TAIL.  
HOLDOWNS - 2.54 $\mu$ m MATTE TIN

Technical drawing showing a top-down view of a component assembly. The drawing includes the following dimensions and feature labels:

- Vertical dimension: 7.37
- Horizontal dimension: 11.16
- Horizontal dimension: 15.63
- Vertical dimension: 1.30
- Horizontal dimension: 0±0.1 (with a triangle symbol)
- Label: - H -
- Label: HOUSING
- Label: HOLDDOWN
- Label: CONTACT
- Label: CONTACT
- Label: STANOFF SURFACES
- Label: 0.15 (with a triangle symbol)

Technical drawing of a printed circuit board (PCB) showing dimensions and circuit layout. The drawing includes the following dimensions:

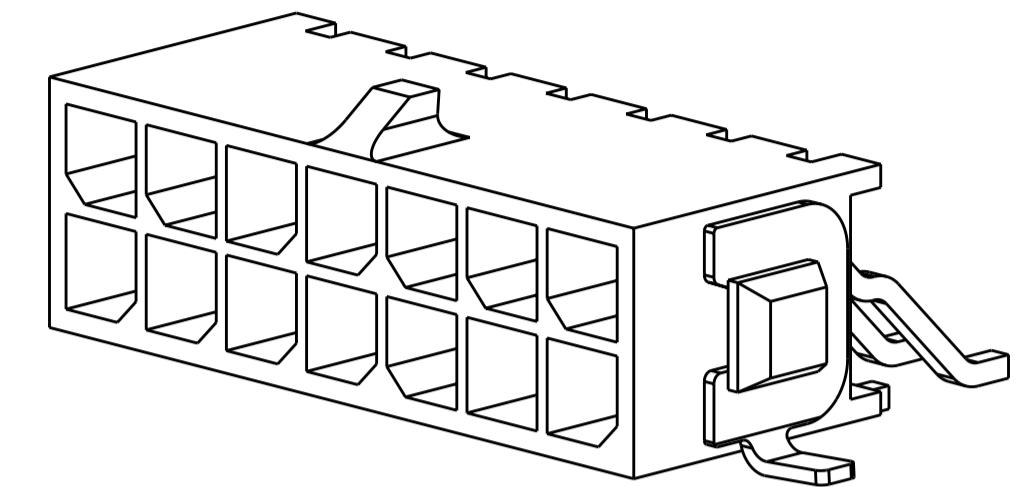
- Top edge: DIM Z (3.895)
- Bottom edge: 3 MIN
- Left edge: EDGE OF BOARD (1.46)
- Right edge: (0.825)
- Vertical dimension: 10.1
- Vertical dimension: 5.48
- Vertical dimension: 5.65 MIN
- Vertical dimension: (0.635)
- Vertical dimension: 1.27
- Vertical dimension: (1.715)
- Vertical dimension: 3.43±0.08 TYP
- Horizontal dimension: 2.92
- Horizontal dimension: 1.65±0.1
- Horizontal dimension: 3.895
- Horizontal dimension: (1.715)
- Horizontal dimension: 3.43±0.08 TYP
- Horizontal dimension: 1.27
- Horizontal dimension: (0.635)
- Horizontal dimension: 3
- Horizontal dimension: DIM W

The circuit layout includes several rectangular pads and a wavy trace labeled "CIRCUIT 1".

## RECOMMENDED PCB LAYOUT (COMPONENT SIDE)

# METRIC

LOC	DIST	REVISIONS					
CM	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
		GI		REVISED PER ECO-11-005027	15MAR2011	RK	HMR



SCALE 5 : 1

6	36.86	40.79	33.00	40.00	24	5-794628-4
6	33.86	37.79	30.00	37.00	22	5-794628-2
6	30.86	34.79	27.00	34.00	20	5-794628-0
6	27.86	31.79	24.00	31.00	18	4-794628-8
6	24.86	28.79	21.00	28.00	16	4-794628-6
6	21.86	25.79	18.00	25.00	14	4-794628-4
6	18.86	22.79	15.00	22.00	12	4-794628-2
6	15.86	19.79	12.00	19.00	10	4-794628-0
6	12.86	16.79	9.00	16.00	8	3-794628-8
6	9.86	13.79	6.00	13.00	6	3-794628-6
6	6.86	10.79	3.00	10.00	4	3-794628-4
6	3.86	7.79	-	7.00	2	3-794628-2
2	36.86	40.79	33.00	40.00	24	2-794628-4
2	33.86	37.79	30.00	37.00	22	2-794628-2
2	30.86	34.79	27.00	34.00	20	2-794628-0
2	27.86	31.79	24.00	31.00	18	1-794628-8
2	24.86	28.79	21.00	28.00	16	1-794628-6
2	21.86	25.79	18.00	25.00	14	1-794628-4
2	18.86	22.79	15.00	22.00	12	1-794628-2
2	15.86	19.79	12.00	19.00	10	1-794628-0
2	12.86	16.79	9.00	16.00	8	794628-8
2	9.86	13.79	6.00	13.00	6	794628-6
2	6.86	10.79	3.00	10.00	4	794628-4
2	3.86	7.79	-	7.00	2	794628-2
FINISH	DIM Y	DIM W	DIM Z	DIM X	NO. OF POSN.	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN K. WHITAKER CHK C. JONES APVD C. JONES	9MAR2003 9MAR2003 19MAR2003	 TE Connectivity			
DIMENSIONS: mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	NAME SURFACE MOUNT, RIGHT ANGLE, SURFACE MOUNT HOLDDOWN, ASSEMBLY, 15 GOLD HEADER, DUAL ROW, MICRO MATE-N-LOK™					
	0 PLC ±- 1 PLC ±- 2 PLC ±0.13 3 PLC ±- 4 PLC ±- ANGLES ±-	PRODUCT SPEC - APPLICATION SPEC -					
MATERIAL 	FINISH SEE TABLE	WEIGHT -	SIZE A200779	CAGE CODE C-794628	DRAWING NO	RESTRICTED TO -	
		CUSTOMER DRAWING		SCALE 4:1	SHEET 1	OF 1	REV G