



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

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SAFETY ORGANIZATION(S).

THIS FILTER HAS BEEN FORMALLY RECOGNIZED, CERTIFIED OR APPROVED BY THE LISTED AGENCY. THEREFORE, ALL TEST/REQUIREMENTS SPECIFIED IN THE LATEST REVISION OF THE FOLLOWING AGENCY STANDARDS HAVE BEEN MET.

UL 1283  
 CSA 22.2 NO. 0, 0.4, 8

OPERATING SPECIFICATIONS.

LINE VOLTAGE/CURRENT, 45 OR 60 AMP., 250VAC PHASE/NEUTRAL-GND  
 45 OR 60 AMP., 440VAC PHASE/PHASE  
 50-60HZ  
 LINE FREQUENCY, 40°C  
 MAX. CASE RISE RATED CURRENT, 1.4mA @ 120V 60HZ  
 MAX. LEAKAGE CURRENT, EACH 3.4mA @ 250V 50HZ  
 LINE TO GROUND  
 OPERATING AMBIENT TEMP. RANGE, -10°C TO +40°C @ RATED CURRENT, I<sub>r</sub>  
 IN AN AMBIENT, I<sub>o</sub>, HIGHER THAN 40°C, THE MAXIMUM OPERATING CURRENT, I<sub>o</sub>, IS AS FOLLOWS:  

$$I_o = I_r \sqrt{\frac{55-I_a}{45}}$$

RELIABILITY SPECIFICATIONS.

STORAGE TEMPERATURE, -25°C TO +85°C  
 HUMIDITY, 21 DAYS @ 40°C 95% RH

TEST SPECIFICATIONS.

INDUCTANCE, 45A = 1.1mH NOMINAL 60A = 0.74mH NOMINAL  
 GROUND CHOKES, 45A = .267mH NOMINAL 60A = .242mH NOMINAL  
 CAPACITANCE, (MEASURED @ 1 KHZ, 0.25 VAC MAX., 25°C ±1°C)  
 PHASE/NEUTRAL TO GROUND, .026µF ±20%  
 PHASE TO NEUTRAL, 2.0µF ±20%  
 DISCHARGE RESISTOR, 165K OHMS  
 LINE/GROUND AND LINE/LINE, 6000 Oh (MIN) AT 100 VDC  
 INSULATION RESISTANCE (W/O DISCHARGE RESISTOR) 20°C AND 50% RH  
RECOMMENDED RECEIVING INSPECTION HIPOT.  
 PHASE/NEUTRAL TO GROUND, 1500 VAC FOR 1 MINUTE  
 PHASE TO NEUTRAL, 1450 VDC FOR 1 MINUTE

FILTER APPROVAL.  
 THE BEST WAY TO SELECT AND QUALIFY A FILTER IS FOR YOUR ENGINEERING TO TEST THE UNIT IN YOUR EQUIPMENT.

TOLERANCE EXCEPT AS NOTED

DECIMAL, .XXX .XX .X ANGLES ±1°  
 ENGLISH, ±.030  
 METRIC, ±

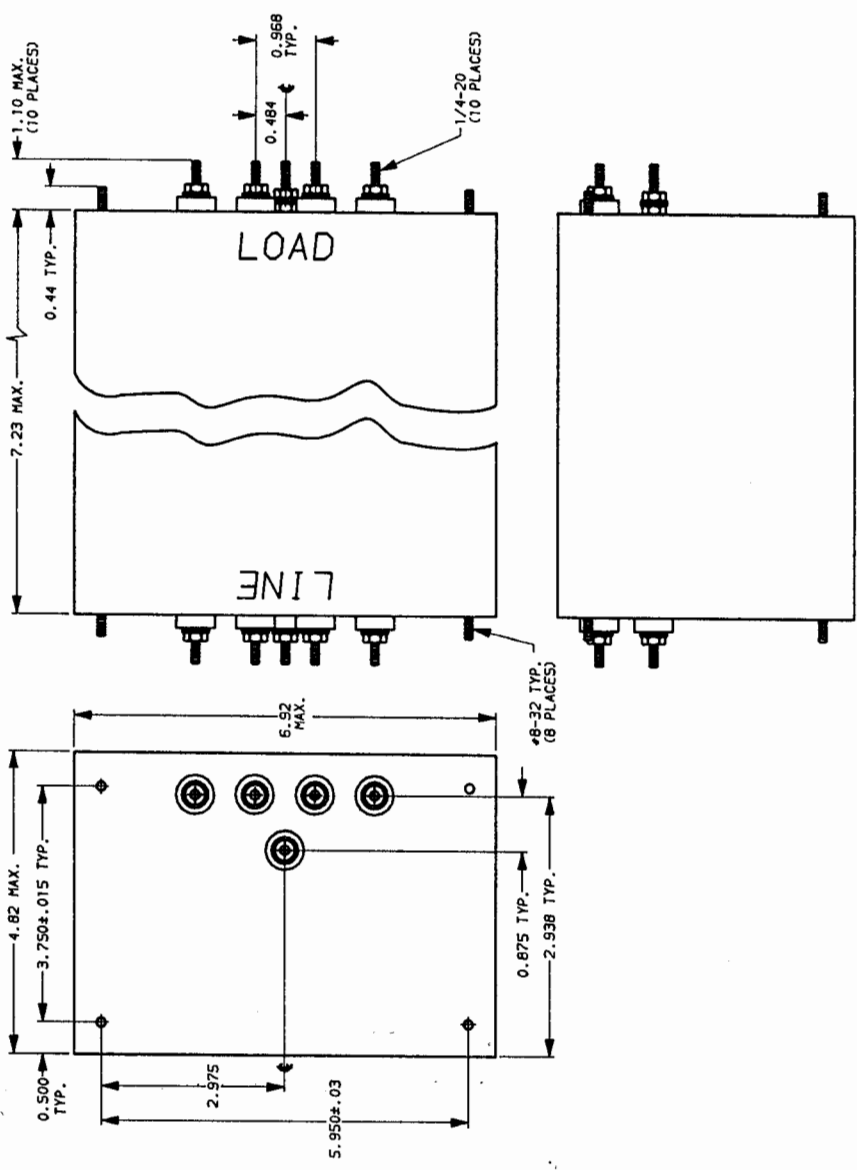
MATERIAL: AS SUPPLIED

FINISH:



POWER LINE FILTER

SCALE	DATE	DRG. NO.	REV.
NTS	4-25-89	45AYP6C & 60AYP6C	2
DRW. BY	LJD	CFM	



NOTE: COMMON MODE A-B-C & N SHORTED TOGETHER.  
 DIFF. MODE MEASURED N TO A-B-C SHORTED TOGETHER.

50n - 50n (MINIMUM)		INSERTION LOSS	
FREQUENCY	COMMON	DIFF.	DIFF.
MHZ	dB	dB	dB
.05	15	5	10
.15	49	50	54
.5	49	50	54
1.0	49	50	54
5.0	49	50	54
10.0	49	50	54
30.0	45	56	58
45	45	56	58
50	45	56	58
54	47	60	65
47	47	60	65
43	43	65	65
43	43	65	65
56	56	65	65
56	56	65	65
50	50	65	65

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NOTES:  
 1.) LINE SIDE HAS INSULATED GROUND TERMINAL.

