



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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C. Westub 5-21-92  
APPROVED BY/DATE  
REV 6

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 RECOGNIZED  
CSA CERTIFIED  
VDE APPROVED  
SEV APPROVED

UL 1283  
CSA 22.2, NO. 0.0.4.8  
VDE 565-3  
SEV 1055/TP1977/5.1.1

OPERATING SPECIFICATIONS:

LINE VOLTAGE/CURRENT:  
6 AMP., 120/250 VAC  
5 AMP./40°C, 250 VAC  
50-60Hz  
40°C

LINE FREQUENCY,  
MAX. CASE RISE & RATED CURRENT,  
MAX. LEAKAGE CURRENT, EACH  
LINE TO GROUND  
OPERATING AMBIENT TEMP. RANGE:

.25mA at 120V 60 Hz  
.48 mA at 250V 50 Hz  
-10°C TO +40°C & RATED CURRENT, I<sub>r</sub>

IN AN AMBIENT, T<sub>a</sub>, HIGHER THAN 40°C, THE MAXIMUM OPERATING CURRENT, I<sub>o</sub>, IS AS FOLLOWS:

$$I_o = I_r \sqrt{\frac{85-T_a}{45}}$$

RELIABILITY SPECIFICATIONS:

STORAGE TEMPERATURE,  
HUMIDITY,  
CURRENT OVERLOAD TEST,  
TEST SPECIFICATIONS:  
INDUCTANCE,  
CAPACITANCE, MEASURED @ 1 KHz, 0.25 VAC MAX., 25°C ±1°C

-40°C TO +85°C  
21 DAYS @ 40°C 95% RH  
6 TIMES RATED CURRENT FOR 8 SECONDS  
7.8 mH NOMINAL  
.005μF ±20%  
.54μF ±20%  
330 KΩ  
5000 MΩ (MIN) AT 100 VDC  
20°C AND 50% RH

RECOMMENDED RECEIVING INSPECTION HIPOT:

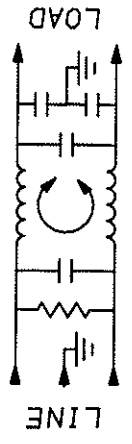
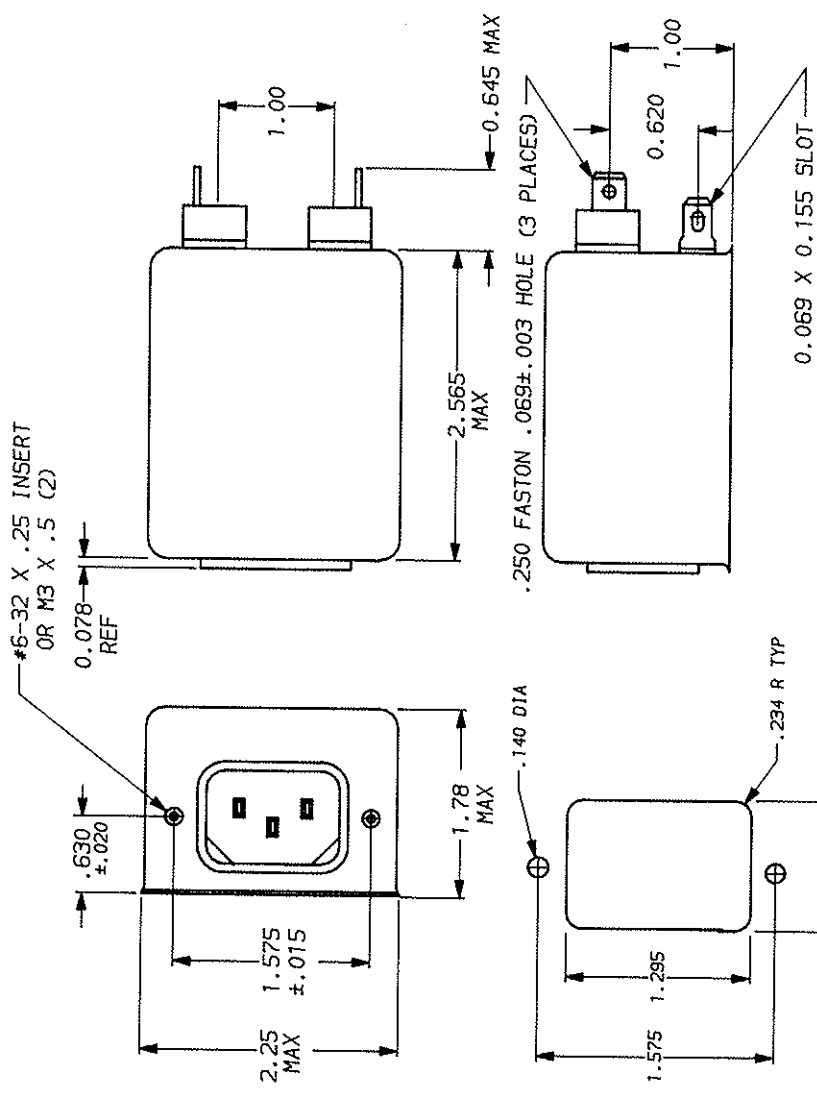
2250 VDC FOR 1 MINUTE  
1450 VDC FOR 1 MINUTE  
LINES TO GROUND,  
LINES TO LINE,  
FILTER APPROVAL,  
THE BEST WAY TO SELECT AND QUALIFY A FILTER IS FOR YOUR ENGINEERING TO TEST THE UNIT IN YOUR EQUIPMENT.

TOLERANCE EXCEPT AS NOTED

DECIMAL, .XXX .XX .X ANGLES ±1°  
ENGLISH, ±.025  
METRIC, ±

AS SUPPLIED

FINISH:  
AS SUPPLIED



50Ω - 50Ω (MINIMUM) INSERTION LOSS	
FREQUENCY MHZ	.01 .02 .05 .08 .1 .15 .5 1 5 10 20 30
COMMON dB	7 13 21 29 30 33 42 42 42 42 36 27
DIFF. dB	1 1 2 3 10 25 59 62 40 40 40

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POWER LINE FILTER

DATE	REV. NO.	REV.
9-12-89	6	6
DESIGNER	CHK	
6ESK7		
TDL		