



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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APPROVED BY/DATE
 C. Westicks 10-15-92
 REV 4

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
- UL 1283
- CSA CERTIFIED
- CSA 22.2, NO. 0.0.4.8
- VDE APPROVED
- VDE 565-3

OPERATING SPECIFICATIONS:

- LINE VOLTAGE/CURRENT:
- 6 AMP., 120/250 VAC
- 5 AMP./40°C, 250 VAC
- 50-60Hz
- LINE FREQUENCY:
- MAX. LEAKAGE CURRENT, EACH LINE TO GROUND
- .3ma @ 120V 60Hz
- .5ma @ 250V 50Hz
- OPERATING AMBIENT TEMP. RANGE:
- 10°C TO +40°C @ RATED CURRENT, I_r
- IN AN AMBIENT, T_a, HIGHER THAN 40°C, THE MAXIMUM OPERATING CURRENT, I_o, IS AS FOLLOWS:

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

- RELIABILITY SPECIFICATIONS:
- STORAGE TEMPERATURE:
- 25°C TO +85°C
- 21 DAYS @ 40°C 95% RH
- HUMIDITY:
- CURRENT OVERLOAD TEST:
- 6 TIMES RATED CURRENT FOR 8 SECONDS

TEST SPECIFICATIONS:

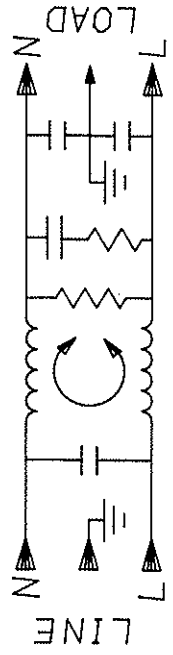
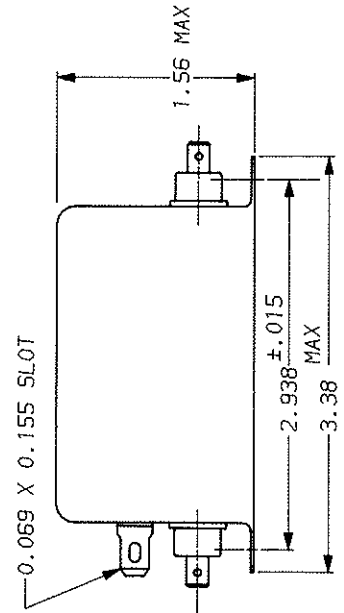
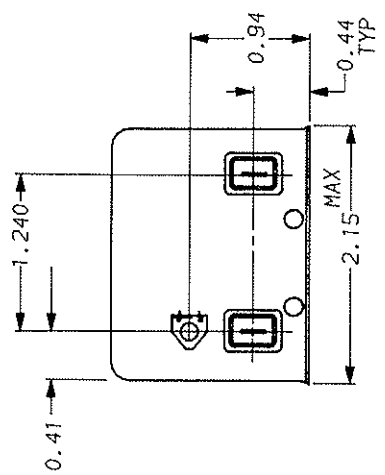
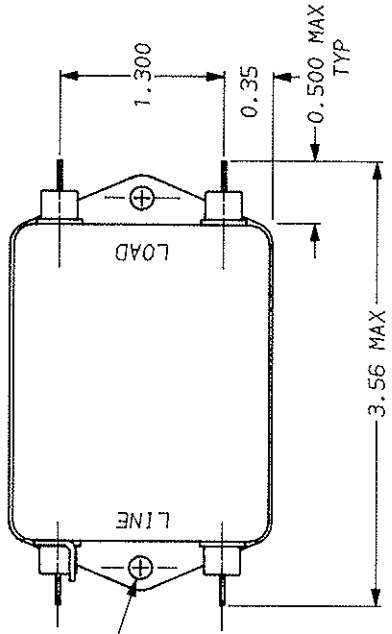
- INDUCTANCE:
- 4.6 mH NOMINAL
- CAPACITANCE; (MEASURED @ 1 KHz, 0.25 VAC MAX., 25°C ±1°C)
- .004µF ±20%
- .57µF ±20%
- LINE TO GROUND,
- LINE TO LINE,
- DISCHARGE RESISTOR,
- 560KΩ
- LINE/GROUND AND LINE/LINE
- INSULATION RESISTANCE
- 8000 MΩ (MIN) AT 100 VDC
- (W/O DISCHARGE RESISTOR)
- 20°C AND 50% RH

RECOMMENDED RECEIVING INSPECTION HIPOT:

- 2250 VDC FOR 1 MINUTE
- 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.



FREQUENCY MHz	0.1	0.5	0.7	1	1.5	5	10	20	30
COMMON	6	19	23	25	29	48	44	49	40
DIFF. dB	4	6	10	24	37	66	75	72	60
DIFF. dB									

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TOLERANCE EXCEPT AS NOTED
 DECIMAL: .XXX .XX .X ANGLES
 ENGLISH: ±.025 ±1°
 METRIC: ±

corcom
 LIBERTYVILLE, IL 60048

POWER LINE FILTER

SCALE: NTS 15-12-88
 REV. OF: TDL
 ORIGINATOR: CW
 DRG. NO.: BEG1.04
 REV. 4