



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 Web: www.chipsmall.com

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



APPROVED BY/DATE
C.W. Westerb 5-26-92

REV 1

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
 VDE APPROVED (PENDING)

OPERATING SPECIFICATIONS:

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

LINE FREQUENCY:
 .25 mA @ 120V 60 Hz
 .48 mA @ 250V 50 Hz

MAX. LEAKAGE CURRENT, EACH LINE TO GROUND
 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:
 -40°C TO +85°C
 HUMIDITY:
 21 DAYS @ 40°C 95% RH
 CURRENT OVERLOAD TEST:
 6 TIMES RATED CURRENT FOR 8 SECONDS

TEST SPECIFICATIONS:

INDUCTANCE:
 .495 mH NOMINAL

CAPACITANCE: (MEASURED @ 1 KHz, 0.25 VAC MAX., 25°C ±1°C)
 .003µF ±20%
 .1.06µF ±20%
 330KΩ

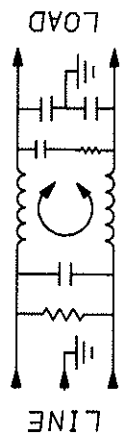
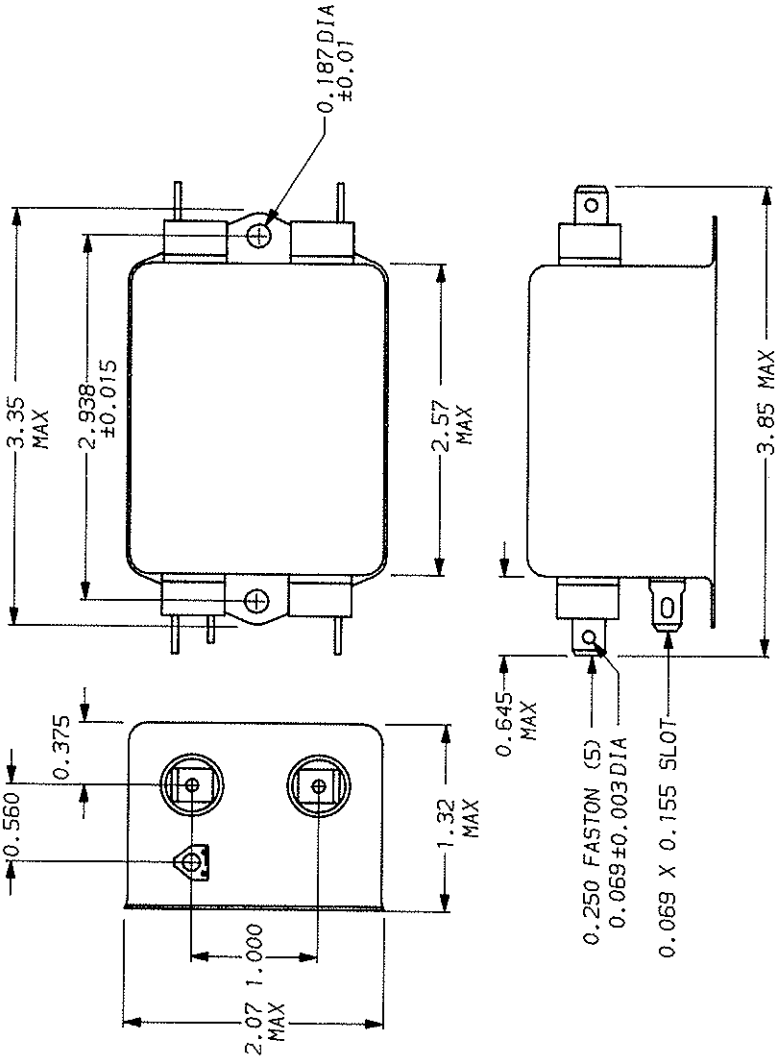
LINE TO GROUND,
 LINE TO LINE,
 DISCHARGE RESISTOR
 6000 MΩ (MIN) AT 100 VDC
 LINE/GROUND AND LINE/LINE
 INSULATION RESISTANCE
 20°C AND 50% RH

RECOMMENDED RECEIVING INSPECTION HIPOT:

LINES TO GROUND:
 2250 VDC FOR 1 MINUTE
 LINE TO LINE,
 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	50Ω - 50Ω (MINIMUM) INSERTION LOSS									
	.15	.5	1	2	5	10	20	30	40	46
COMMON	10	20	27	33	38	40	45	46		
DIFF.	20	43	55	62	70	72	60	60		

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LIBERTYVILLE, IL 60048

POWER LINE FILTER

SCALE	DATE	DRS. NO.	REV.
NTS	11-5-90		10EDK1.01
DRW. BY	ORIGINATOR		
CFW	CFW		