



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. Westoby 12-3-90

DESCRIPTION APP'D./DATE REV

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

UL 1283  
 CSA 22.2, NO.0,0.4,8  
 VDE 565-3

OPERATING SPECIFICATIONS:

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

LINE FREQUENCY:  
 MAX. CASE RISE  $\theta$  RATED CURRENT:  
 MAX. LEAKAGE CURRENT, EACH  
 LINE TO GROUND  
 OPERATING AMBIENT TEMP. RANGE:  
 -10°C TO +40°C  $\theta$  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  $\theta$  40°C 95% RH

CURRENT OVERLOAD TEST:  
 6 TIMES RATED CURRENT FOR 8 SECONDS

TEST SPECIFICATIONS:

INDUCTANCE:  
 1.73 mH NOMINAL

CAPACITANCE: (MEASURED  $\theta$  1 KHz, 0.25 VAC MAX., 25°C  $\pm$ 1°C)  
 .01  $\mu$ F  $\pm$ 20%

LINE TO GROUND:  
 LINE TO LINE:  
 DISCHARGE RESISTOR  
 235 K $\Omega$

LINE/GROUND AND LINE/LINE  
 INSULATION RESISTANCE  
 6000 M $\Omega$  (MIN) AT 100 VDC  
 20°C AND 50% RH

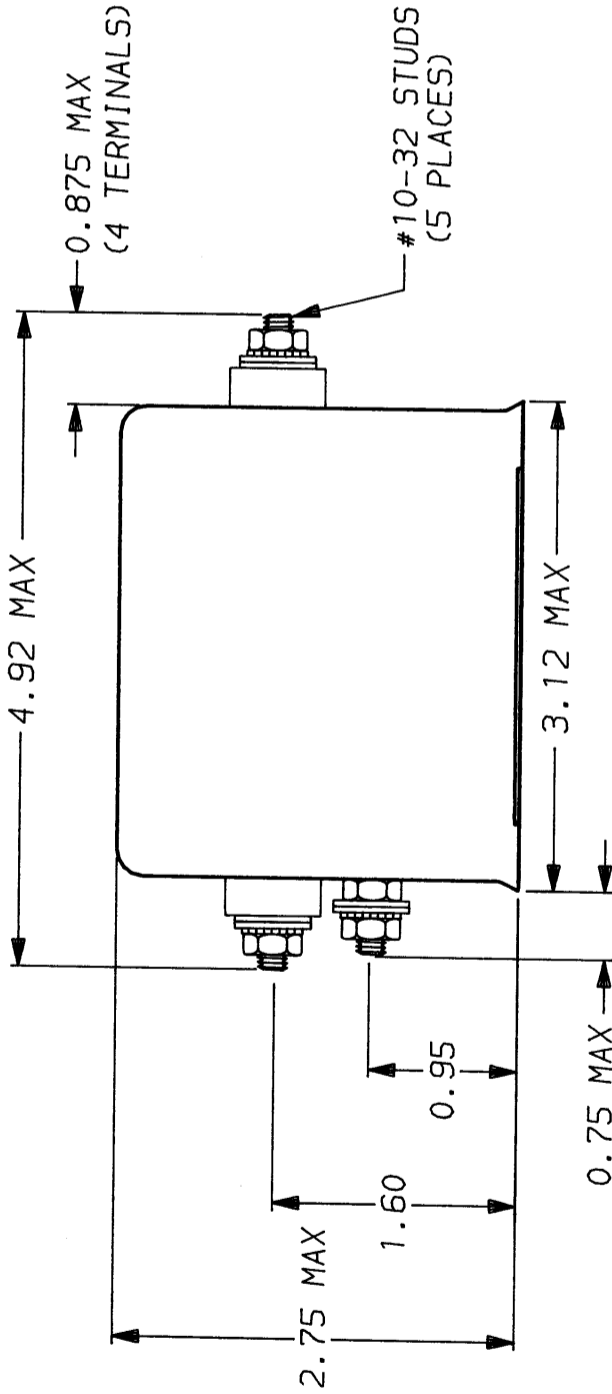
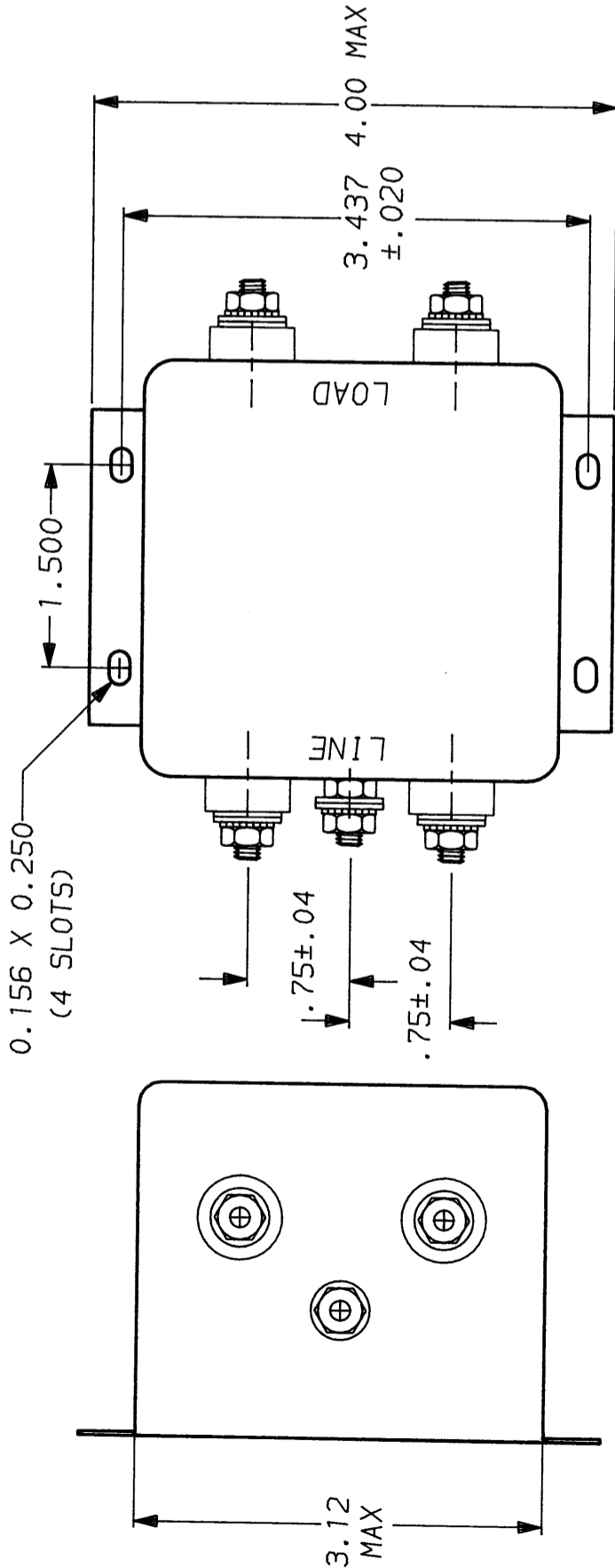
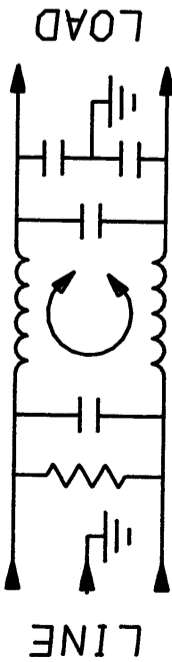
RECOMMENDED RECEIVING INSPECTION HIPOUT:

LINE 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.



50 $\Omega$ - 50 $\Omega$ (MINIMUM) INSERTION LOSS										
FREQUENCY MHz	.01	.05	.2	.5	1.0	2.0	5.0	10	20	30
COMMON dB	2	9	20	27	31	38	46	51	44	39
DIFF. dB	5	13	14	60	60	60	51	43	43	43

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TOLERANCE EXCEPT AS NOTED  
 DECIMAL: .XXX .XX .X ANGLES  
 ENGLISH:  $\pm$ .025  $\pm$ 1.  
 METRIC:  $\pm$  —

MATERIAL:  
 AS SUPPLIED

FINISH:  
 AS SUPPLIED



POWER LINE FILTER

SCALE DATE 9-12-89 DRG. NO. 30VSK6.01 REV.  
 DRW. BY TDL ORIGINATOR CW