

C. Westoby 11-30-90  
APPROVED/DATE

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)
- VDE 565-3

OPERATING SPECIFICATIONS:

- LINE VOLTAGE/CURRENT, 3 AMP., 120/250 VAC
- LINE FREQUENCY, 3 AMP./40°C, 250 VAC 50-60Hz

MAX. LEAKAGE CURRENT, EACH LINE TO GROUND

- .25 mA @ 120V 60 Hz
- .48 mA @ 250V 50 Hz

OPERATING AMBIENT TEMP. RANGE:

- 10°C TO +40°C @ RATED CURRENT, I<sub>r</sub>

IN AN AMBIENT, T<sub>0</sub>, HIGHER THAN 40°C, THE MAXIMUM OPERATING CURRENT, I<sub>0</sub>, IS AS FOLLOWS:

$$I_0 = I_r \sqrt{\frac{85 - T_0}{45}}$$

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:

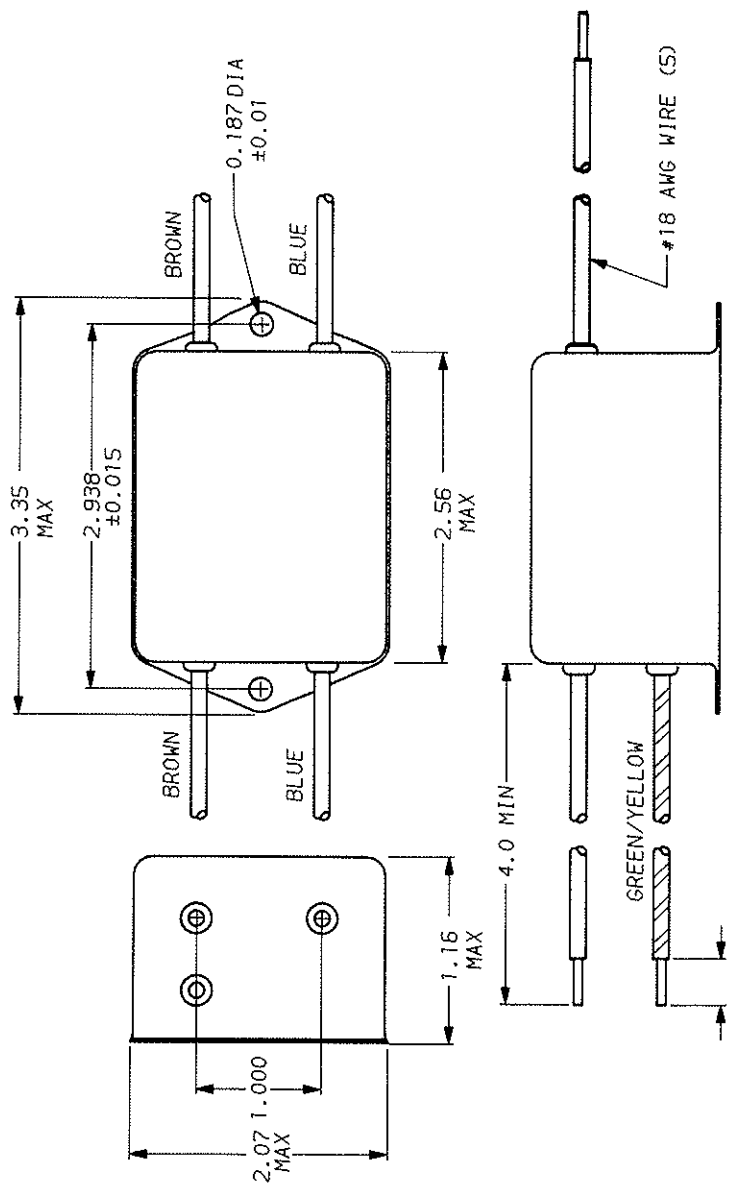
- INDUCTANCE, 1.75 mH NOMINAL
- CAPACITANCE, (MEASURED @ 1 KHz, 0.25 VAC MAX., 25°C ±1°C) .003μF ±20%
- LINE TO GROUND, 1.08μF ±20%
- LINE TO LINE, 330KΩ
- DISCHARGE RESISTOR 6000 MΩ (MIN) AT 100 VDC
- LINE/GROUND AND LINE/LINE INSULATION RESISTANCE 20°C AND 50% RH

RECOMMENDED RECEIVING INSPECTION HIPOT:

- 2250 VDC FOR 1 MINUTE
- 1450 VDC FOR 1 MINUTE

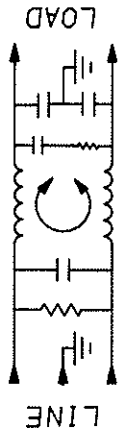
FILTER APPROVAL:

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



FREQUENCY MHz	50Ω - 50Ω (MINIMUM) INSERTION LOSS							
	.15	1	2	5	10	20	30	
COMMON dB	17	31	39	44	47	50	52	52
DIFF. dB	30	55	65	65	62	62	62	62

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



POWER LINE FILTER

SCALE	DATE	DRG. NO.	REV.
AS SUPPLIED	NTS 11-5-90		3EDK3.00
FINISH:	ORIGINATOR		
AS SUPPLIED	CFW	CFW	

# Mouser Electronics

Authorized Distributor

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