

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
SEV APPROVED	SEV 1055/TP1977/5.1.1

OPERATING SPECIFICATIONS:

LINE VOLTAGE/CURRENT: 3 AMP, 120/250 VAC
 3 AMP./40°C, 250 VAC

LINE FREQUENCY: 50-60Hz

MAX. CASE RISE @ RATED CURRENT: 40°C

MAX. LEAKAGE CURRENT, EACH: .25 mA AT 120V 60Hz
 .4 mA at 250V 50Hz

LINE TO GROUND: .4 mA at 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: -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: 14.12 mH NOMINAL
 CAPACITANCE: (MEASURED @ 1 KHz, 0.25VAC MAX., 25°C±1°C)
 LINE TO GROUND: .0056µF ±20%
 LINE TO LINE: .811µF ±20%
 DISCHARGE RESISTOR: 330KΩ

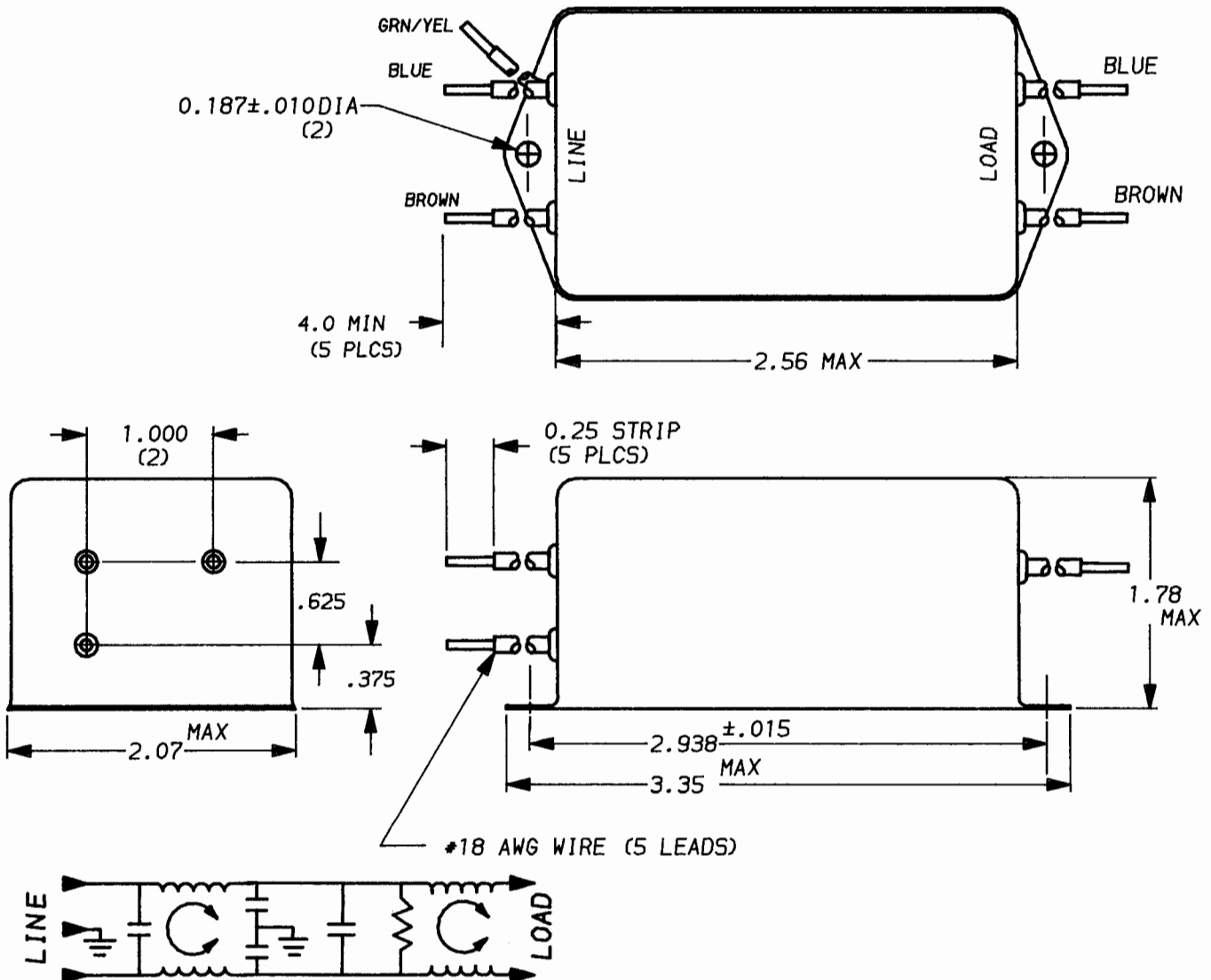
LINE/GROUND AND LINE/LINE INSULATION RESISTANCE:
 5000MΩ (MIN) AT 100VDC, 20°C AND 50% RH.

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.



50n - 50n (MINIMUM) INSERTION LOSS												
FREQUENCY MHz	.01	.04	.05	.06	.15	.5	5.0	10	20	30	/	/
COMMON dB	12	2	10	18	58	65	65	60	38	25	/	/
DIFF. dB	1	3	3	4	36	65	65	65	58	58	/	/

UNLESS OTHERWISE SPECIFIED, TOLERANCE TO BE ±.025

MATERIAL & FINISH: AS SUPPLIED

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POWER LINE FILTER

DATE: 12-13-94 CATALOG NO.
 APPROVED: *MAC* **3EP3.08**

Mouser Electronics

Authorized Distributor

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