

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: 5 AMP, 120/250 VAC
 5 AMP./40°C, 250 VAC
 LINE FREQUENCY, 50-60Hz
 MAX. LEAKAGE CURRENT, EACH:
 LINE TO GROUND, .25 mA AT 120V 60Hz
 .40 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:

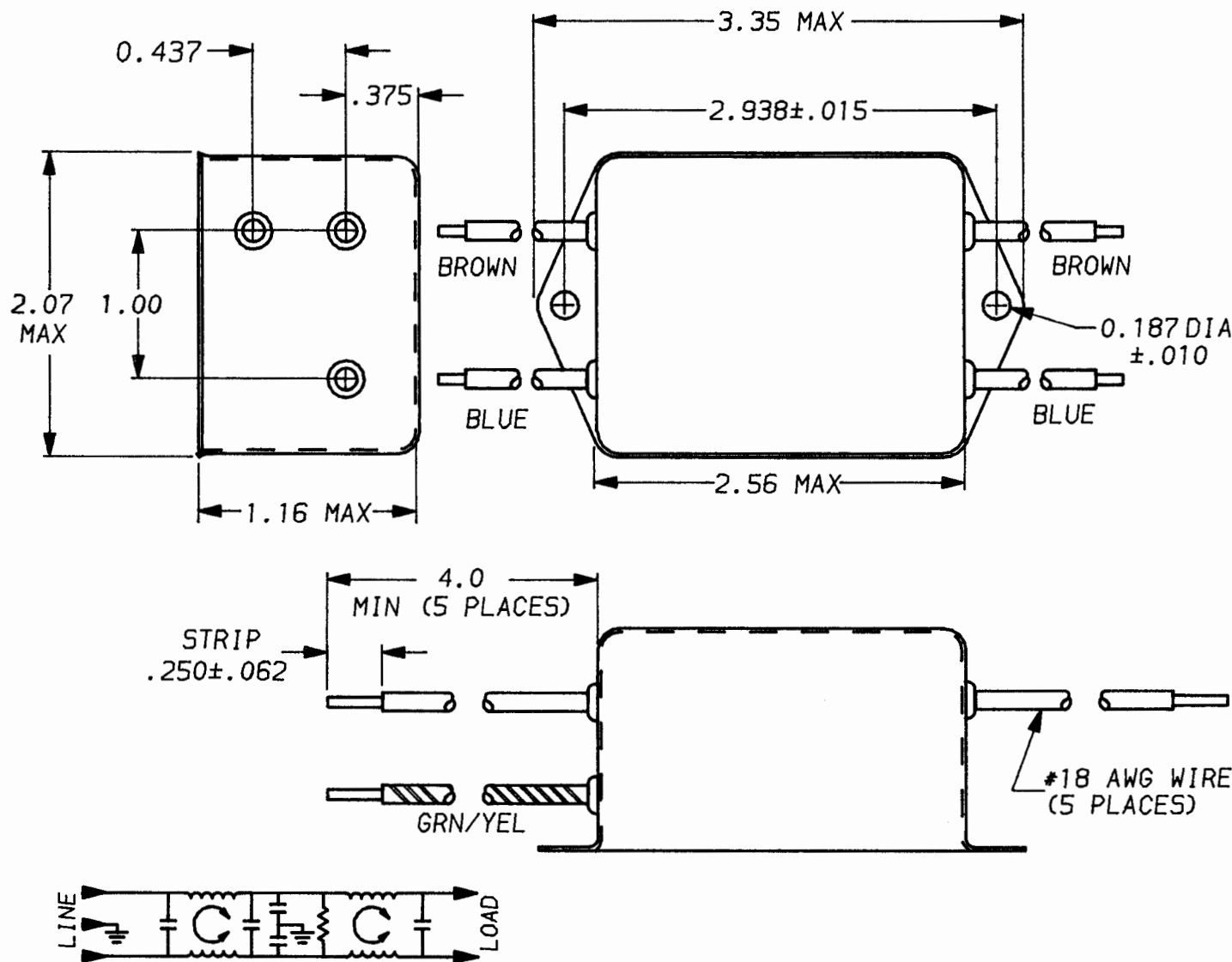
INDUCTANCE: 1.032 mH NOMINAL
 CAPACITANCE: (MEASURED @ 1 KHz, 0.25VAC MAX., 25°C±1°C)
 LINE TO GROUND: .006 μF ±20%
 LINE TO LINE: .301 μF ±20%
 DISCHARGE RESISTOR: 680KΩ
 LINE/GROUND AND LINE/LINE: 6000MΩ (MIN) AT 100VDC
 INSULATION RESISTANCE: 20°C AND 50% RH

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.



50 _a - 50 _b (MINIMUM) INSERTION LOSS											
FREQUENCY MHz	.15	.4	.5	1	2	5	10	20	30	/	/
COMMON dB	2	33	41	57	65	65	65	65	65	/	/
DIFF. dB	3	3	19	60	65	65	65	60	60	/	/

UNLESS OTHERWISE SPECIFIED, TOLERANCE TO BE ±.025
 MATERIAL & FINISH: AS SUPPLIED
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<p>LIBERTYVILLE, IL 60048</p>	
POWER LINE FILTER	
DATE: 9-24-93	CATALOG NO.
APPROV: JFM	5ER3
CAD NO.	5ER3.04

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