

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

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: 14.26 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:  
 6000MΩ (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

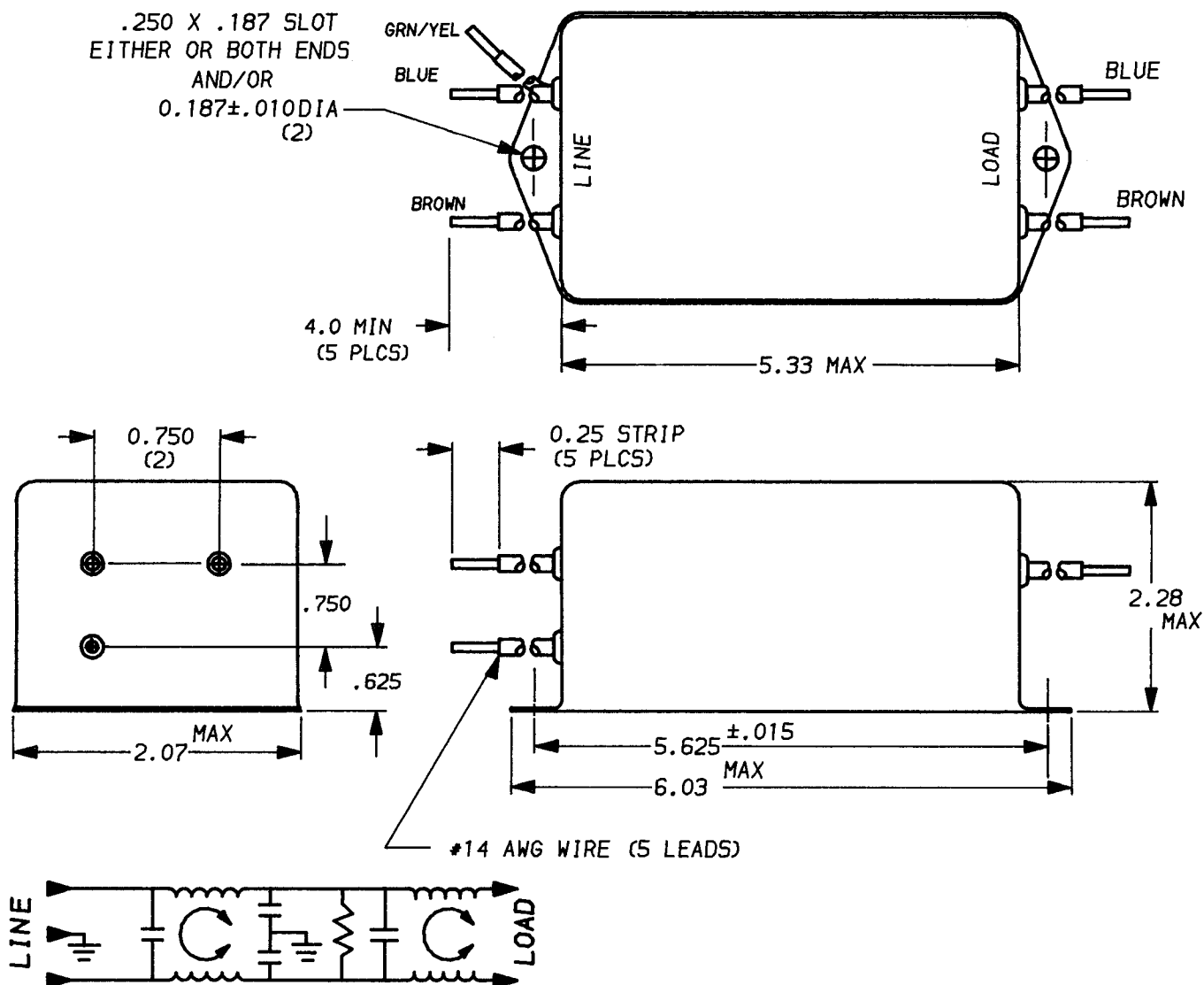
FILTER APPROVAL:

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

OPERATING SPECIFICATIONS:

LINE VOLTAGE/CURRENT: 10 AMP, 120/250 VAC  
                                   8 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  
 LINE TO GROUND: .4 mA at 250V 50Hz  
 OPERATING AMBIENT TEMP. RANGE: -10°C TO +40°C @ RATED CURRENT, I<sub>r</sub>  
 IN AN AMBIENT, T<sub>a</sub>, HIGHER THAN 40°C, THE MAXIMUM OPERATING CURRENT, I<sub>o</sub>, IS AS FOLLOWS:

$$I_o = I_r \sqrt{\frac{85 - T_a}{45}}$$



50n - 50n (MINIMUM) INSERTION LOSS

FREQUENCY MHz	.01	.04	.05	.06	.15	.5	5.0	10	20	30	/	/
COMMON dB	1	1	10	18	58	65	65	60	38	25	/	/
DIFF. dB	1	2	3	3	30	65	65	65	35	35	/	/

UNLESS OTHERWISE SPECIFIED, TOLERANCE TO BE ±.025  
 MATERIAL & FINISH: AS SUPPLIED  
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**corcom**  
 LIBERTYVILLE, IL 60048  
**POWER LINE FILTER**  
 DATE: 12-13-94    CATALOG NO.  
 APPROV. *[Signature]*    **10EP3.06**  
 ECN #11131    CAD NO.    10EP3.06

# Mouser Electronics

Authorized Distributor

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