

**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  
 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:

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

**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: .011µF ±20%  
 DISCHARGE RESISTOR: 330KΩ

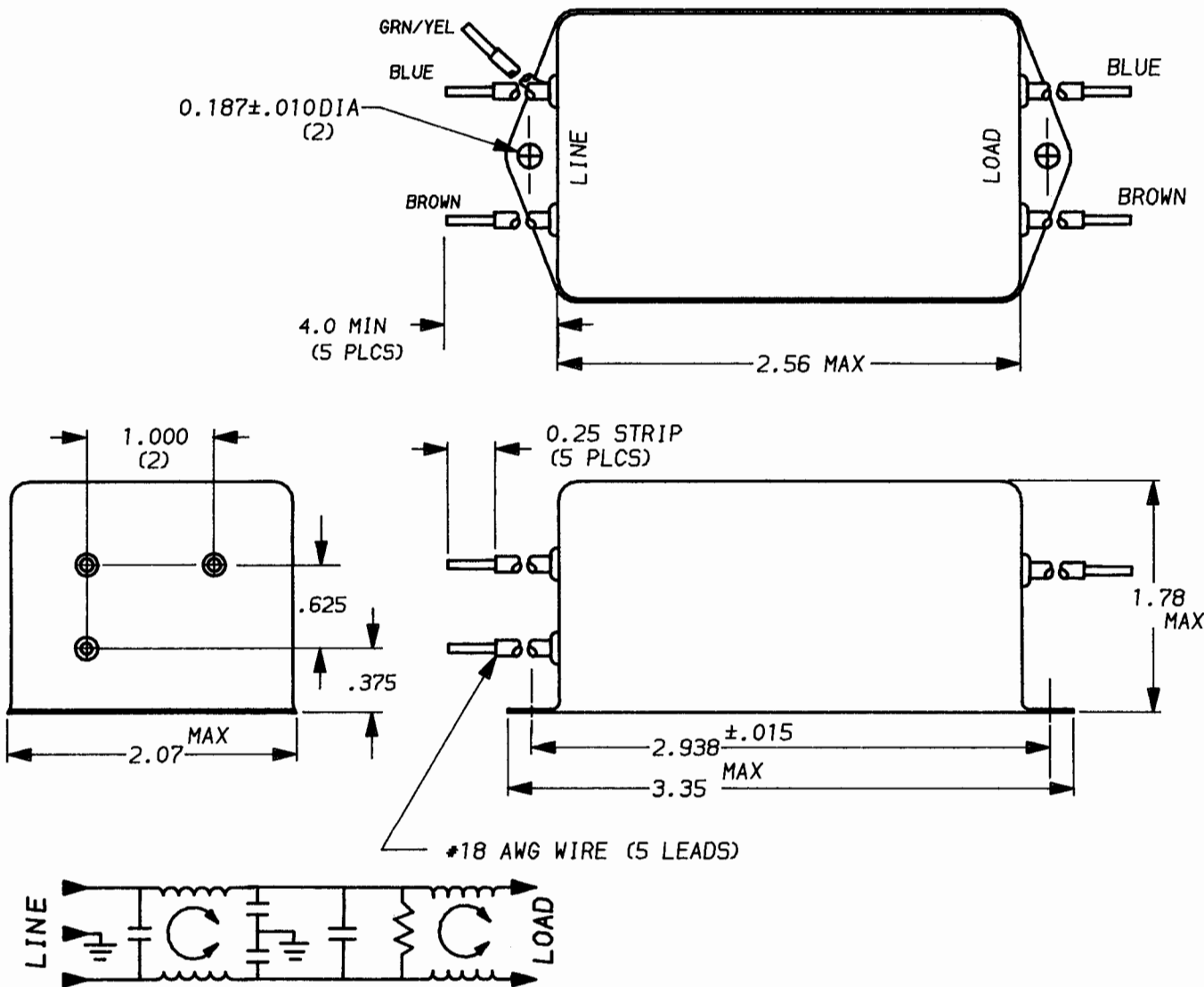
LINE/GROUND AND LINE/LINE INSULATION RESISTANCE:  
 6000MΩ (MIN) AT 100VDC, 20°C AND 50% RH.

**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.



50Ω - 50Ω (MINIMUM) INSERTION LOSS											UNLESS OTHERWISE SPECIFIED, TOLERANCE TO BE ±.025		CORCOM LIBERTYVILLE, IL 60048			
FREQUENCY MHz	.01	.04	.05	.06	.15	.5	5.0	10	20	30	/	/	MATERIAL & FINISH: AS SUPPLIED		POWER LINE FILTER	
COMMON dB	12	2	10	18	58	65	65	60	38	25	/	/	This document is proprietary to CORCOM INC. and is not to be reproduced nor used for manufacturing purposes except on CORCOM'S prior written consent.		DATE: 12-13-94	CATALOG NO.
DIFF. dB	1	3	3	4	36	65	65	65	58	58	/	/			APPROVD. GML/MAC	3EP3.08
													ECN # 11131	CAD NO.	3EP3.08	

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