

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
CSA CERTIFIED (PENDING)
VDE APPROVED (PENDING)

UL 1283
CSA 22.2, NO.0,0.4,8
VDE 565-3

OPERATING SPECIFICATIONS:

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

LINE FREQUENCY:

MAX. LEAKAGE CURRENT, EACH
LINE TO GROUND
OPERATING AMBIENT TEMP. RANGE:

.50 mA @ 120V 60 Hz
.83 mA @ 250V 50 Hz
-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:
HUMIDITY:
CURRENT OVERLOAD TEST:

-40°C TO +85°C
21 DAYS @ 40°C 95% RH
6 TIMES RATED CURRENT FOR 8 SECONDS

TEST SPECIFICATIONS:

INDUCTANCE: 1.76 mH NOMINAL
CAPACITANCE: (MEASURED @ 1 KHZ, 0.25 VAC MAX., 25°C ±1°C)
LINE TO GROUND: .0055µF ±20%
LINE TO LINE: 1.08µF ±20%
DISCHARGE RESISTOR 330KΩ
LINE/GROUND AND LINE/LINE INSULATION RESISTANCE 6000 MΩ (MIN) AT 100 VDC 20°C AND 50% RH

RECOMMENDED RECEIVING INSPECTION HIPOT:

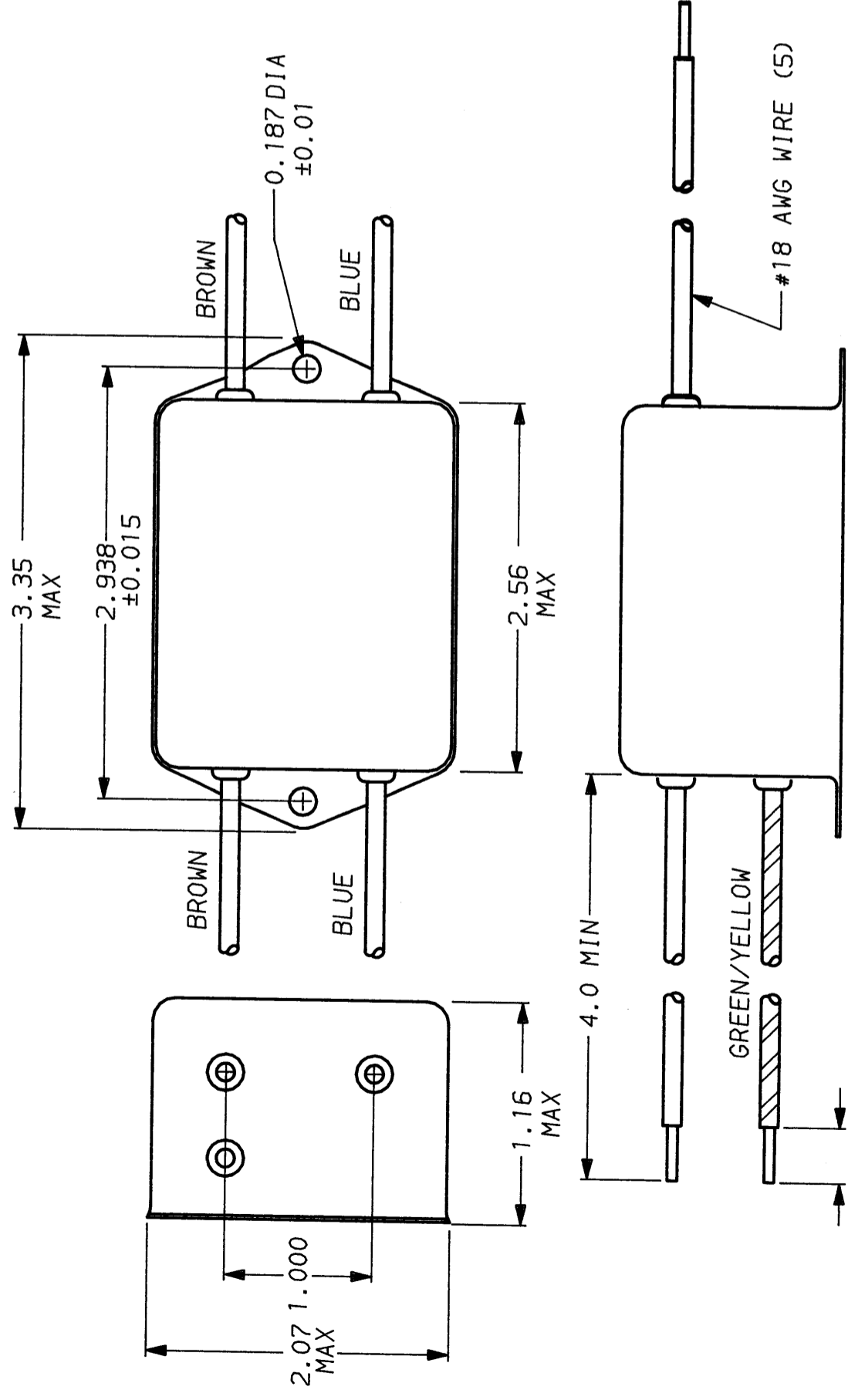
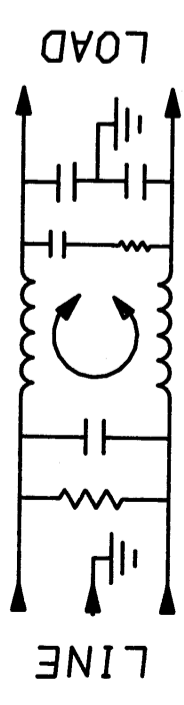
LINES TO GROUND: 2250 VDC FOR 1 MINUTE
LINE TO LINE: 1450 VDC FOR 1 MINUTE

FILTER APPROVAL:

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

FREQUENCY MHZ	50Ω - 50Ω (MINIMUM) INSERTION LOSS									
	.15	.5	1	2	5	10	20	30		
COMMON dB	20	35	42	46	51	55	55	50		
DIFF. dB	30	55	65	65	65	62	62	62		

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CORCOM
LIBERTYVILLE, IL 60048

POWER LINE FILTER

SCALE	DATE	DRG. NO.	REV.
NTS	111-5-90		
DRW. BY	ORIGINATOR		
CFW	CFW		

TOLERANCE EXCEPT AS NOTED
DECIMAL: .XXX .XX .X ANGLES ± 1°
ENGLISH: ±.025
METRIC: ±
MATERIAL: AS SUPPLIED
FINISH: AS SUPPLIED

AS SUPPLIED

3VDK3.00