

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 1283
- CSA 22.2, NO. 0.0.4, 8
- VDE 565-3
- SEV 1055/TP1977/5.1.1

OPERATING SPECIFICATIONS.

- LINE VOLTAGE/CURRENT, 5 AMP., 120/250 VAC
- LINE FREQUENCY, 50-60Hz
- MAX. CASE RISE & RATED CURRENT, 40°C
- MAX. LEAKAGE CURRENT, EACH .25mA at 120V 60 Hz
- LINE TO GROUND .40 mA at 250V 50 Hz
- OPERATING AMBIENT TEMP. RANGE, -10°C TO +40°C @ RATED CURRENT, I_r
- IN AN AMBIENT, I_o, HIGHER THAN 40°C, THE MAXIMUM OPERATING CURRENT, I_o, IS AS FOLLOWS:

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

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, 17.45 mH NOMINAL
- CAPACITANCE: (MEASURED @ 1 KHz, 0.25 VAC MAX., 25°C ±1°C)
- LINE TO GROUND, .0056µF ±20%
- LINE TO LINE, .811µF ±20%
- DISCHARGE RESISTOR, 330 KΩ
- LINE/GROUND AND LINE/LINE 6000 MΩ (MIN) AT 100 VDC
- INSULATION RESISTANCE 20°C AND 50% RH
- (W/O DISCHARGE RESISTOR)

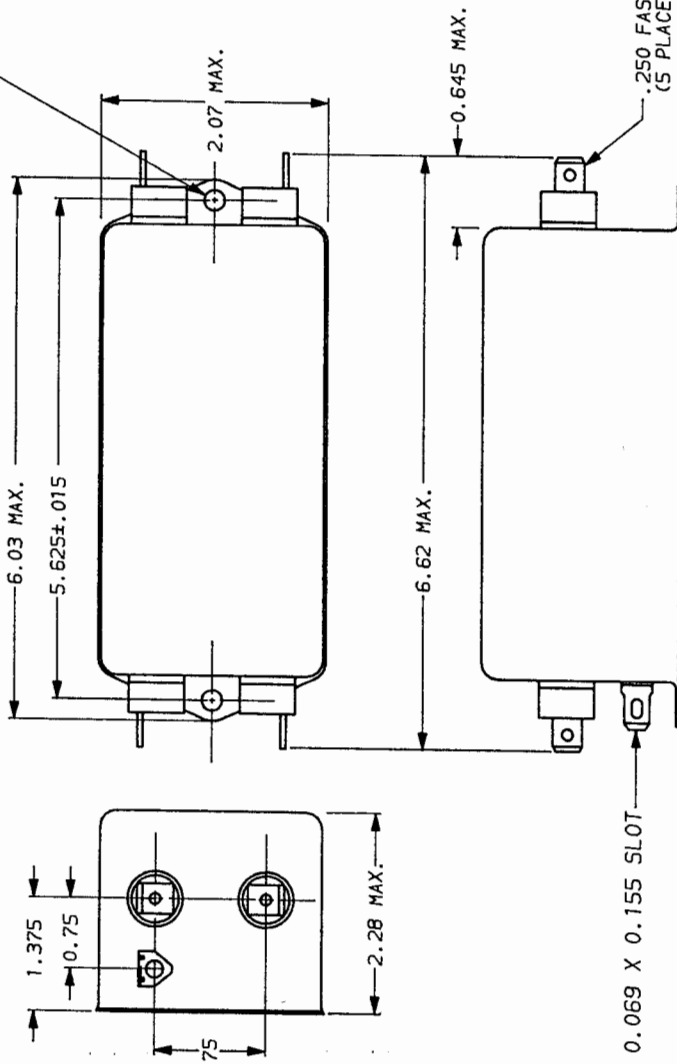
RECOMMENDED RECEIVING INSPECTION HIPOIT.

- LINE 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.

.25 X .187 SLOT
EITHER OR BOTH ENDS
AND/OR
.187±.010 DIA



0.069 X 0.155 SLOT



50n - 50n (MINIMUM) INSERTION LOSS												
FREQUENCY MHz	.01	.04	.05	.06	.15	.5	10	20	30			
COMMON dB	10	1	15	22	60	65	65	65	38	35		
DIFF. dB	1	2	3	3	30	65	65	65	35	35		

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TOLERANCE EXCEPT AS NOTED

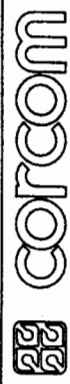
- DECIMAL, .XXX .XX .X ANGLES ±1°
- ENGLISH, ±.025
- METRIC, ±

MATERIAL:

AS SUPPLIED

FINISH:

AS SUPPLIED



LIBERTYVILLE, IL 60048

POWER LINE FILTER

SCALE	DATE	DWG. NO.	REV.
NTS	9-12-89		SEP1.06
BY	ORIGINATOR		
TDL	CW		