

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 22.2, NO.0.0.4.8
VDE APPROVED
VDE 565-3
SEV 1055/TP1977/5.1.1

OPERATING SPECIFICATIONS.

LINE VOLTAGE/CURRENT:
20 AMP., 120/250 VAC
16 AMP./40°C, 250 VAC
50-60Hz
30°C
.25mA at 120V 50 Hz
.40 mA at 250V 50 Hz
LINE TO GROUND
MAX. LEAKAGE CURRENT, EACH
MAX. CASE RISE & RATED CURRENT,
LINE FREQUENCY,
IN AN AMBIENT, T_a , HIGHER THAN 40°C, THE MAXIMUM OPERATING CURRENT, I_o , IS AS FOLLOWS,
 $I_o = I_r \sqrt{\frac{95-T_a}{45}}$
-40°C TO +85°C
21 DAYS @ 40°C 95% RH
6 TIMES RATED CURRENT FOR 8 SECONDS

RELIABILITY SPECIFICATIONS.

STORAGE TEMPERATURE,
HUMIDITY,
CURRENT OVERLOAD TEST,

TEST SPECIFICATIONS.

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

RECOMMENDED RECEIVING INSPECTION HIPOUT.

2250 VDC FOR 1 MINUTE
1450 VDC FOR 1 MINUTE
LINES TO GROUND,
LINES TO LINE.

FILTER APPROVAL.

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

50a - 50a (MINIMUM) INSERTION LOSS											
FREQUENCY MHz	.15	.3	.5	1	2	5	10	20	30		
COMMON dB	2	21	36	56	65	65	60	54	50		
DIFF. dB	2	3	2	55	65	65	65	55	50		

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

FINISH:
AS SUPPLIED



POWER LINE FILTER

SCALE DATE 9-12-89
REV. NO. 20ER1.04
ORIG. BY TDL
CHK. BY CW

