

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 22.2, NO.0,0.4,8
 VDE 0565-3, 0625

OPERATING SPECIFICATIONS.

LINE VOLTAGE/CURRENT,
 3 AMP., 120/250 VAC
 3 AMP./40°C, 250 VAC
 50-60HZ
 30°C
 LINE FREQUENCY,
 MAX. CASE RISE & RATED CURRENT,
 MAX. LEAKAGE CURRENT, EACH
 LINE TO GROUND
 2µA at 120V 60 Hz
 5µA at 250V 50 Hz
 OPERATING AMBIENT TEMP. RANGE,
 -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:

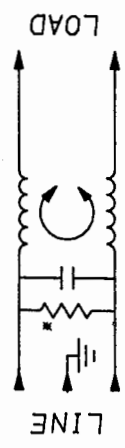
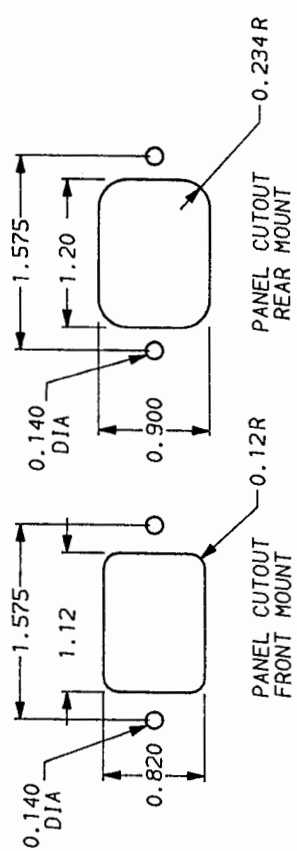
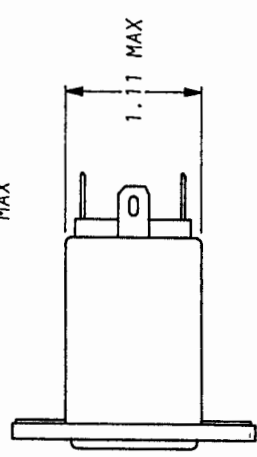
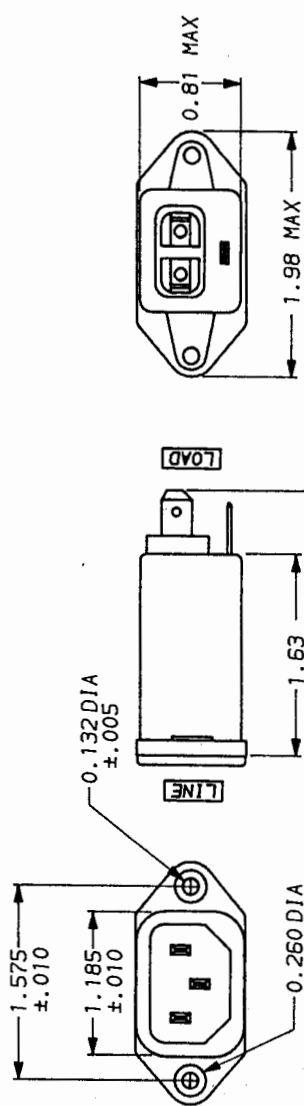
$$I_o = I_r \sqrt{\frac{85 - T_a}{45}}$$

RELIABILITY SPECIFICATIONS.

STORAGE TEMPERATURE,
 HUMIDITY,
 CURRENT OVERLOAD TEST,
 1.45 mH NOMINAL
 CAPACITANCE, (MEASURED @ 1 KHz, 0.25 VAC MAX., 25°C ±1°C)
 ZERO
 LINE TO GROUND,
 LINE TO LINE,
 DISCHARGE RESISTOR,
 1.5 MΩ
 6000 MΩ (MIN) AT 100 VDC
 INSULATION RESISTANCE
 (W/O DISCHARGE RESISTOR)
 20°C AND 50% RH
 RECOMMENDED RECEIVING INSPECTION HIPOT,
 LINES TO GROUND,
 1500 VAC 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.

TEST SPECIFICATIONS.

INDUCTANCE,
 CAPACITANCE, (MEASURED @ 1 KHz, 0.25 VAC MAX., 25°C ±1°C)
 ZERO
 LINE TO GROUND,
 LINE TO LINE,
 DISCHARGE RESISTOR,
 1.5 MΩ
 6000 MΩ (MIN) AT 100 VDC
 INSULATION RESISTANCE
 (W/O DISCHARGE RESISTOR)
 20°C AND 50% RH
 RECOMMENDED RECEIVING INSPECTION HIPOT,
 LINES TO GROUND,
 1500 VAC 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	50n - 50n (MINIMUM) INSERTION LOSS					
	.05	.10	.15	.50	1	5
COMMON	5	10	15	25	27	30
DIFF. dB	-	-	1	10	18	30

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

FINISH:
 AS SUPPLIED

corcom
 LIBERTYVILLE, IL 60048

POWER LINE FILTER

SCALE	DATE	DRG. NO.	REV.
NTS	9-19-91		3EBH1.01
DRN. BY	CFW	ORIGINATOR	CFW

*RESISTOR ADDED TO PRODUCT BUILT AFTER 3-30-92 (9212).

Mouser Electronics

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[3EBH1](#)