

C. Webster 5-26-72
 APPROVED BY/DATE

REV
 1

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
 VDE APPROVED (PENDING)

UL 1283
 CSA 22.2, NO.0,0,4,8
 VDE 565-3

OPERATING SPECIFICATIONS:

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

LINE FREQUENCY:

MAX. LEAKAGE CURRENT, EACH
 LINE TO GROUND
 .25 mA @ 120V 60 Hz
 .48 mA @ 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:
 -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:
 1.86 mH NOMINAL

CAPACITANCE: (MEASURED @ 1 KHz, 0.25 VAC MAX., 25°C ±1°C)
 LINE TO GROUND:
 .003µF ±20%
 LINE TO LINE:
 .81µF ±20%
 DISCHARGE RESISTOR
 330kΩ

LINE/GROUND AND LINE/LINE
 INSULATION RESISTANCE
 5000 MΩ (MIN) AT 100 VDC
 20°C AND 50% RH

RECOMMENDED RECEIVING INSPECTION HIPOT.

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

FILTER APPROVAL:

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

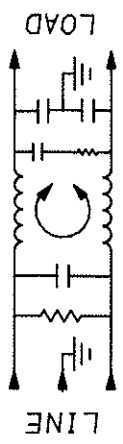
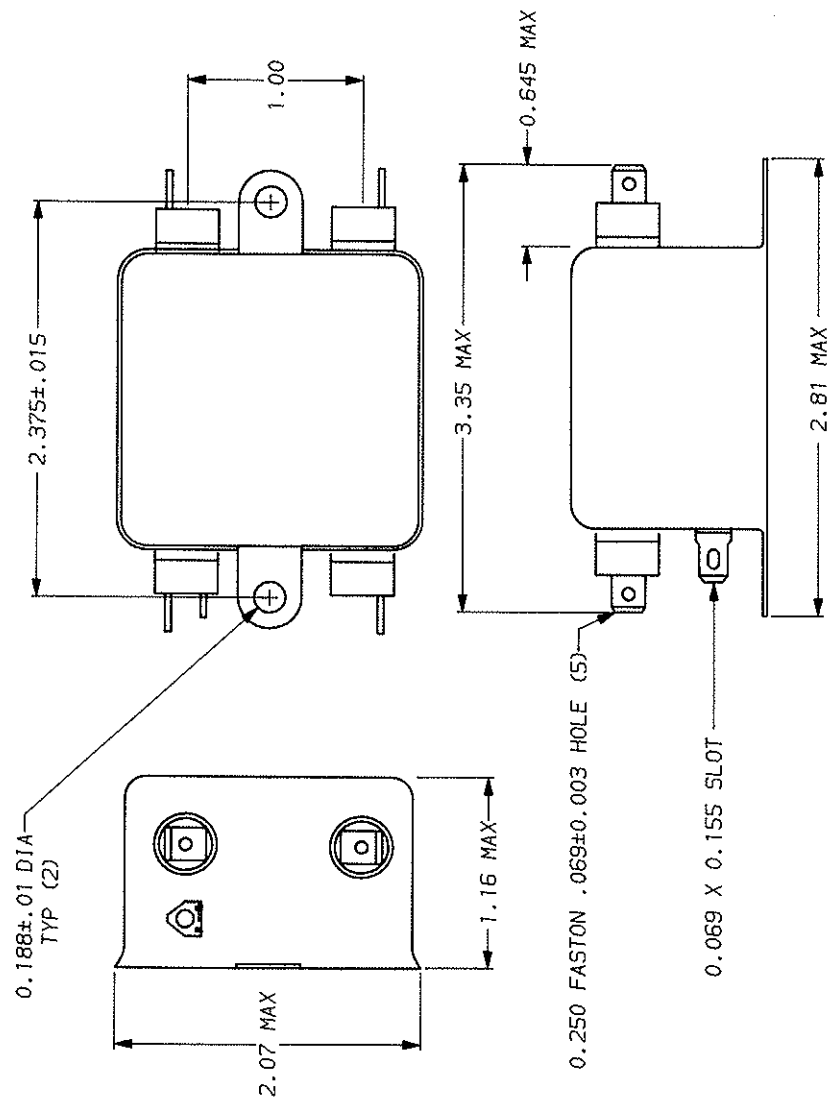
TOLERANCE EXCEPT AS NOTED

DECIMAL: .XXX .XX .X ANGLES
 ENGLISH: ±.025 ±1°
 METRIC: #

50Ω - 50Ω (MINIMUM) INSERTION LOSS

FREQUENCY MHz	.15	.5	1	2	5	10	20	30
COMMON	18	32	40	45	45	45	52	40
DIFF. dB	20	50	65	65	60	53	48	48

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POWER LINE FILTER

SOLE MFG. NTS 11-5-90
 DRG. NO. 1EDK1.01
 ORIGINATOR CFW
 REV. NO. 1