

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

OPERATING SPECIFICATIONS:

- LINE VOLTAGE/CURRENT: 10 AMP., 120/250 VAC
- 8 AMP./40°C, 250 VAC
- 50-60Hz
- 30°C
- LINE FREQUENCY: .5 mA at 120V 60 Hz
- MAX. CASE RISE & RATED CURRENT: 1.0 mA at 250V 50 Hz
- MAX. LEAKAGE CURRENT, EACH LINE TO GROUND: -10°C TO +40°C @ RATED CURRENT,  $I_r$
- OPERATING AMBIENT TEMP. RANGE: 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: .495 mH NOMINAL
- CAPACITANCE: (MEASURED @ 1 KHz, 0.25 VAC MAX., 25°C ±1°C)
  - LINE TO GROUND: .011µF ±20%
  - LINE TO LINE: .203µF ±20%
- DISCHARGE RESISTOR: 1.5MΩ
- LINE/GROUND AND LINE/LINE INSULATION RESISTANCE: 6000 MΩ (MIN) AT 100 VDC 20°C AND 50% RH

RECOMMENDED RECEIVING INSPECTION HIPOUT:

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

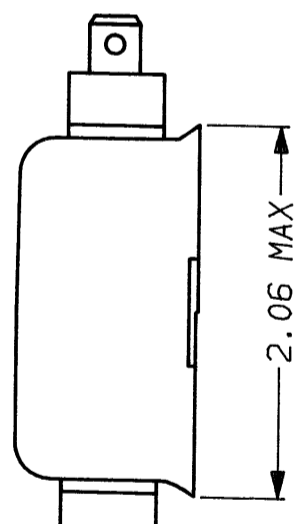
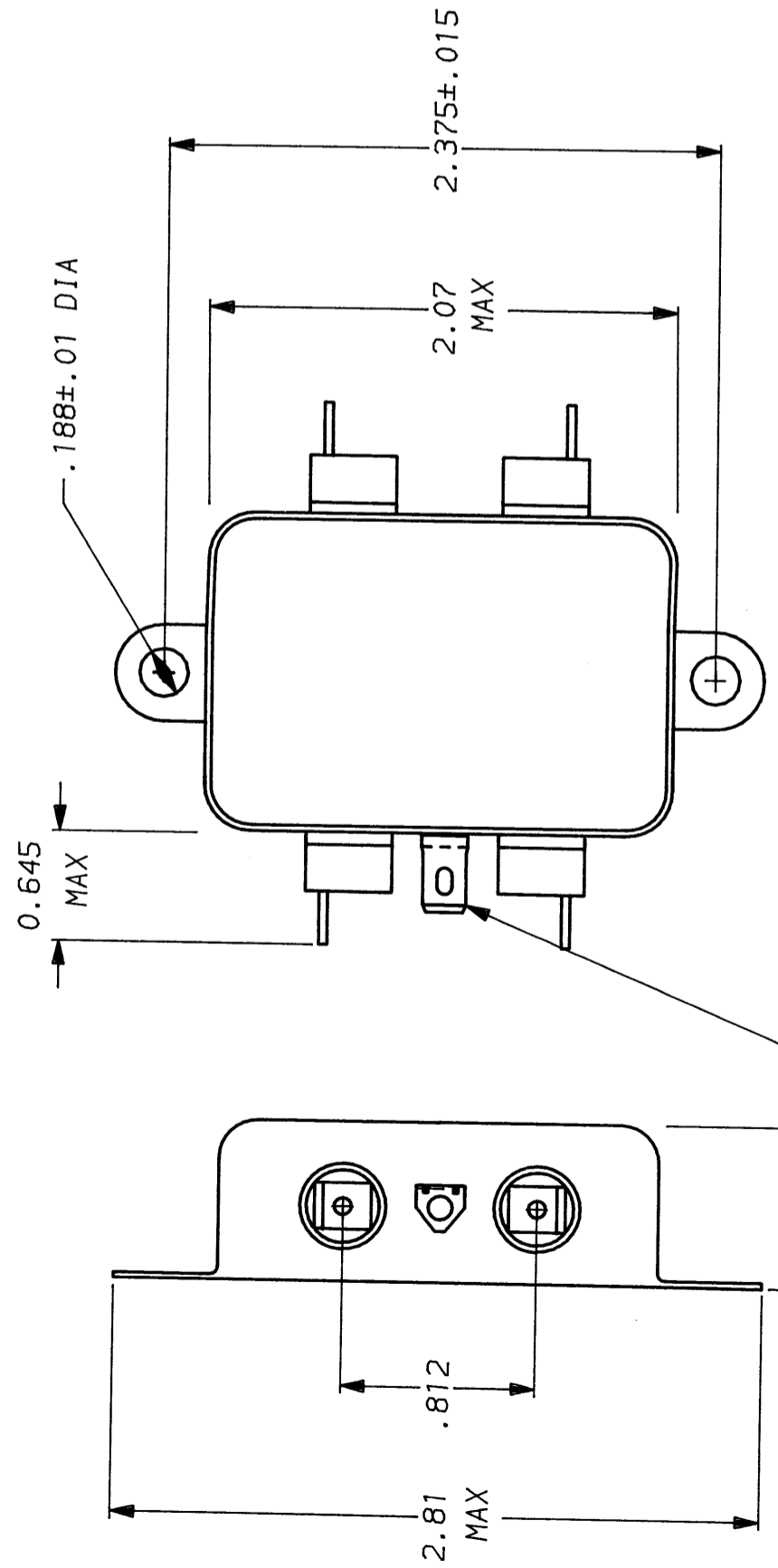
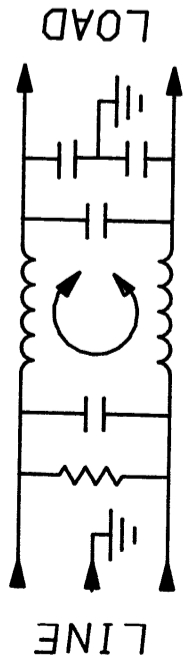
FILTER APPROVAL:

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

50Ω - 50Ω (MINIMUM) INSERTION LOSS

FREQUENCY MHz	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
COMMON dB	10	23	29	35	43	47	50	51										
DIFF. dB	12	5	33	55	65	65	50	53										

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TOLERANCE EXCEPT AS NOTED

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

MATERIAL: AS SUPPLIED

FINISH: AS SUPPLIED



POWER LINE FILTER

SCALE	DATE	DRG. NO.	REV.
NTS	7-31-90	10VK1	05
DRN. BY	ORIGINATOR		
CFW	CFW		

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