

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
- UL RECOGNIZED
- CSA 22.2, NO. 0, 0.4, 8
- CSA CERTIFIED
- VDE 565-3
- VDE APPROVED

OPERATING SPECIFICATIONS:

- LINE VOLTAGE/CURRENT: 3 AMP., 120/250 VAC
- 3 AMP./40°C, 250 VAC
- 50-60Hz
- 30°C
- LINE FREQUENCY: .5 mA at 120V 60 Hz
- MAX. CASE RISE θ RATED CURRENT: 1.0 mA at 250V 50 Hz
- MAX. LEAKAGE CURRENT, EACH LINE TO GROUND
- OPERATING AMBIENT TEMP. RANGE: -10°C TO +40°C θ 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 θ 40°C 95% RH
- CURRENT OVERLOAD TEST: 6 TIMES RATED CURRENT FOR 8 SECONDS

TEST SPECIFICATIONS:

- INDUCTANCE: 1.76 mH NOMINAL
- CAPACITANCE: (MEASURED θ 1 KHz, 0.25 VAC MAX., 25°C \pm 1°C)
- LINE TO GROUND: .011 μ F \pm 20%
- LINE TO LINE: .203 μ F \pm 20%
- DISCHARGE RESISTOR: 1.5M Ω
- LINE/GROUND AND LINE/LINE: 6000 M Ω (MIN) AT 100 VDC
- INSULATION RESISTANCE: 20°C AND 50% RH

RECOMMENDED RECEIVING INSPECTION HIPOT:

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

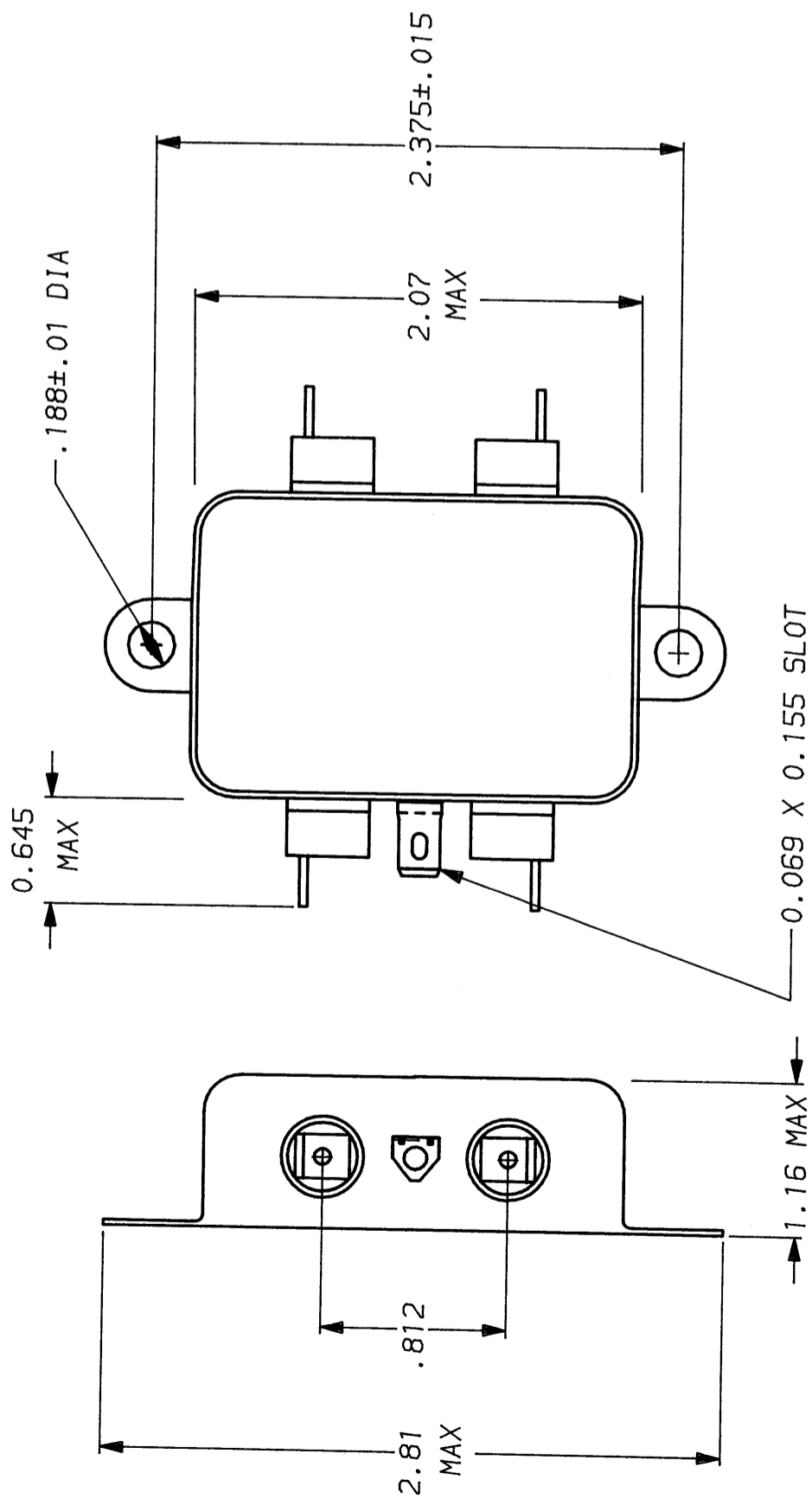
FILTER APPROVAL:

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

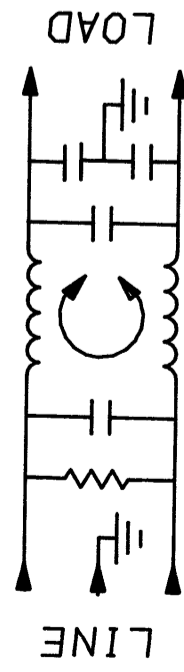
50 μ - 50 μ (MINIMUM) INSERTION LOSS

FREQUENCY MHz	.15	.3	.5	1	2	5	10	20	30
COMMON dB	21	28	34	38	44	53	55	55	55
DIFF. dB	3	3	32	50	63	63	56	42	48

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.250 FASTON .069 \pm .003 HOLE (5)



TOLERANCE EXCEPT AS NOTED
 DECIMAL: .XXX .XX .X ANGLES \pm 1°
 ENGLISH: \pm .025
 METRIC: \pm —

MATERIAL: AS SUPPLIED

FINISH: AS SUPPLIED



POWER LINE FILTER

SCALE	DATE	DRG. NO.	REV.
NTS	7-31-90	3VK1.06	6
DRW. BY	ORIGINATOR		
CFW	CFW		

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