

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

OPERATING SPECIFICATIONS:

- LINE VOLTAGE/CURRENT:
1 AMP., 120/250 VAC
1 AMP./40°C, 250 VAC
50-60Hz
30°C
- LINE FREQUENCY:
MAX. CASE RISE θ RATED CURRENT:
MAX. LEAKAGE CURRENT, EACH
LINE TO GROUND
OPERATING AMBIENT TEMP. RANGE:
.5 mA at 120V 60 Hz
1.0 mA at 250V 50 Hz
-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:
CAPACITANCE: (MEASURED θ 1 KHz, 0.25 VAC MAX., 25°C \pm 1°C)
LINE TO GROUND:
LINE TO LINE:
DISCHARGE RESISTOR
LINE/GROUND AND LINE/LINE
INSULATION RESISTANCE
1.86 mH NOMINAL
.011 μ F \pm 20%
.203 μ F \pm 20%
1.5M Ω
6000 M Ω (MIN) AT 100 VDC
20°C AND 50% RH

RECOMMENDED RECEIVING INSPECTION HIPOT:

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

FILTER APPROVAL:

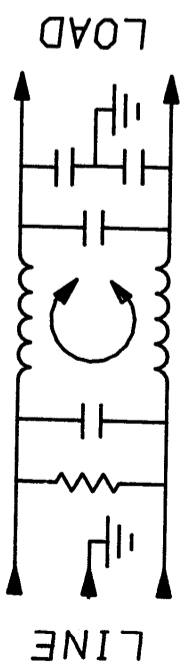
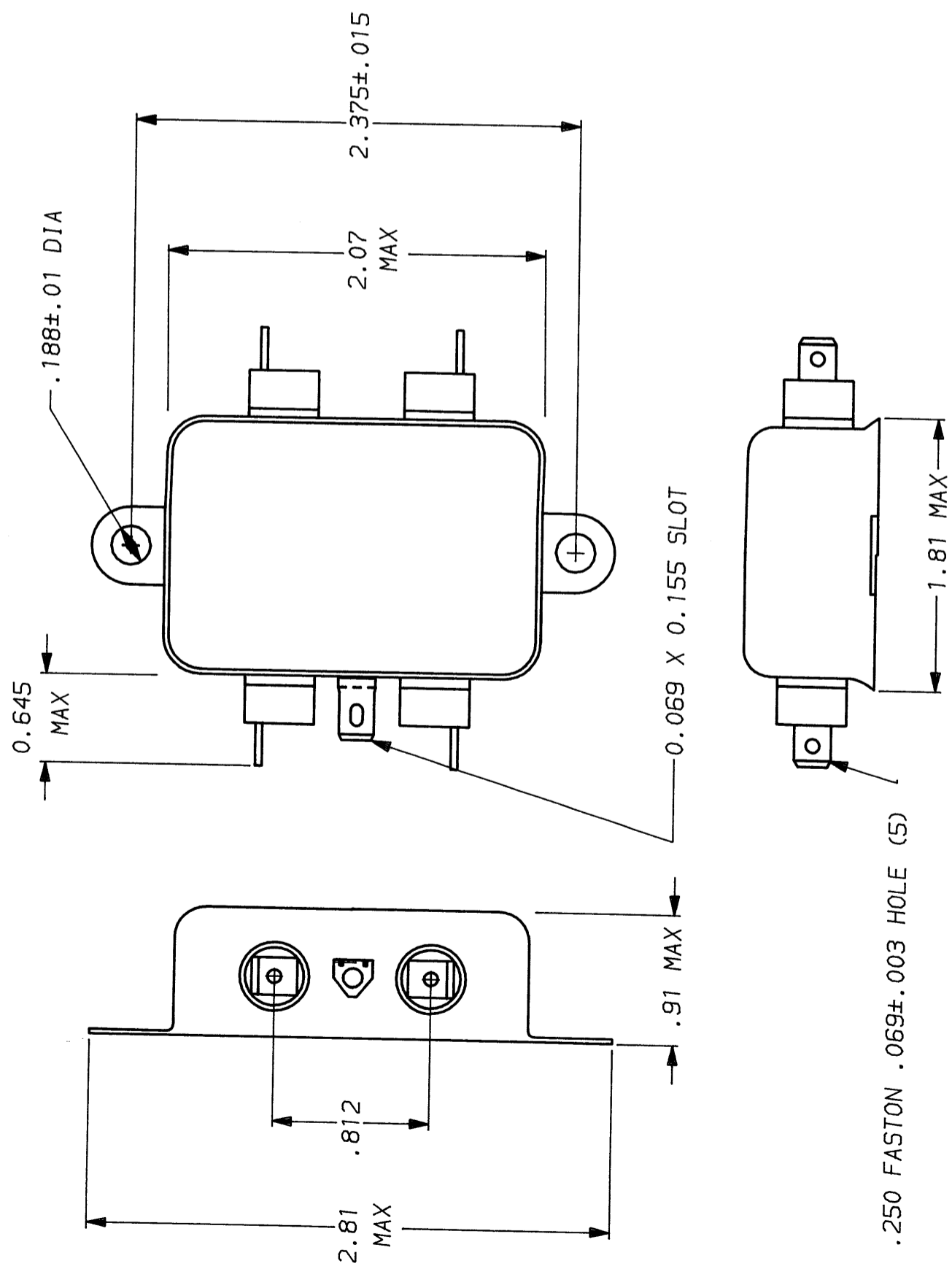
THE BEST WAY TO SELECT AND QUALIFY A FILTER IS FOR YOUR ENGINEERING TO TEST THE UNIT IN YOUR EQUIPMENT.

TOLERANCE EXCEPT AS NOTED

- DECIMAL: .XXX .XX .X ANGLES \pm 1°
- ENGLISH: \pm .025
- METRIC: \pm —
- MATERIAL:
AS SUPPLIED

FINISH:

AS SUPPLIED



50 Ω - 50 Ω (MINIMUM) INSERTION LOSS

FREQUENCY MHz	.15	.3	.5	1	2	5	10	20	30
COMMON dB	17	27	35	44	50	50	50	50	50
DIFF. dB	3	3	30	50	60	60	50	45	50

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CORCOM
LIBERTYVILLE, IL 60048

POWER LINE FILTER

SCALE: NTS
DATE: 7-31-90
DRW. BY: CFW
ORIGINATOR: CFW

DRG. NO.: 1 VK1.06
REV.: 06

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