

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:

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:

HUMIDITY:

CURRENT OVERLOAD TEST:

- 40°C TO +85°C
- 21 DAYS θ 40°C 95% RH
- 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

.495 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 HIPOUT:

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.

50 Ω - 50 Ω (MINIMUM) INSERTION LOSS

FREQUENCY MHZ	.15	.5	1	2	5	10	20	30	
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

ENGLISH: $\pm$.025

METRIC: $\pm$

MATERIAL:

AS SUPPLIED

FINISH:

AS SUPPLIED



corcom
LIBERTYVILLE, IL 60048

POWER LINE FILTER

SCALE NTS

DATE 7-31-90

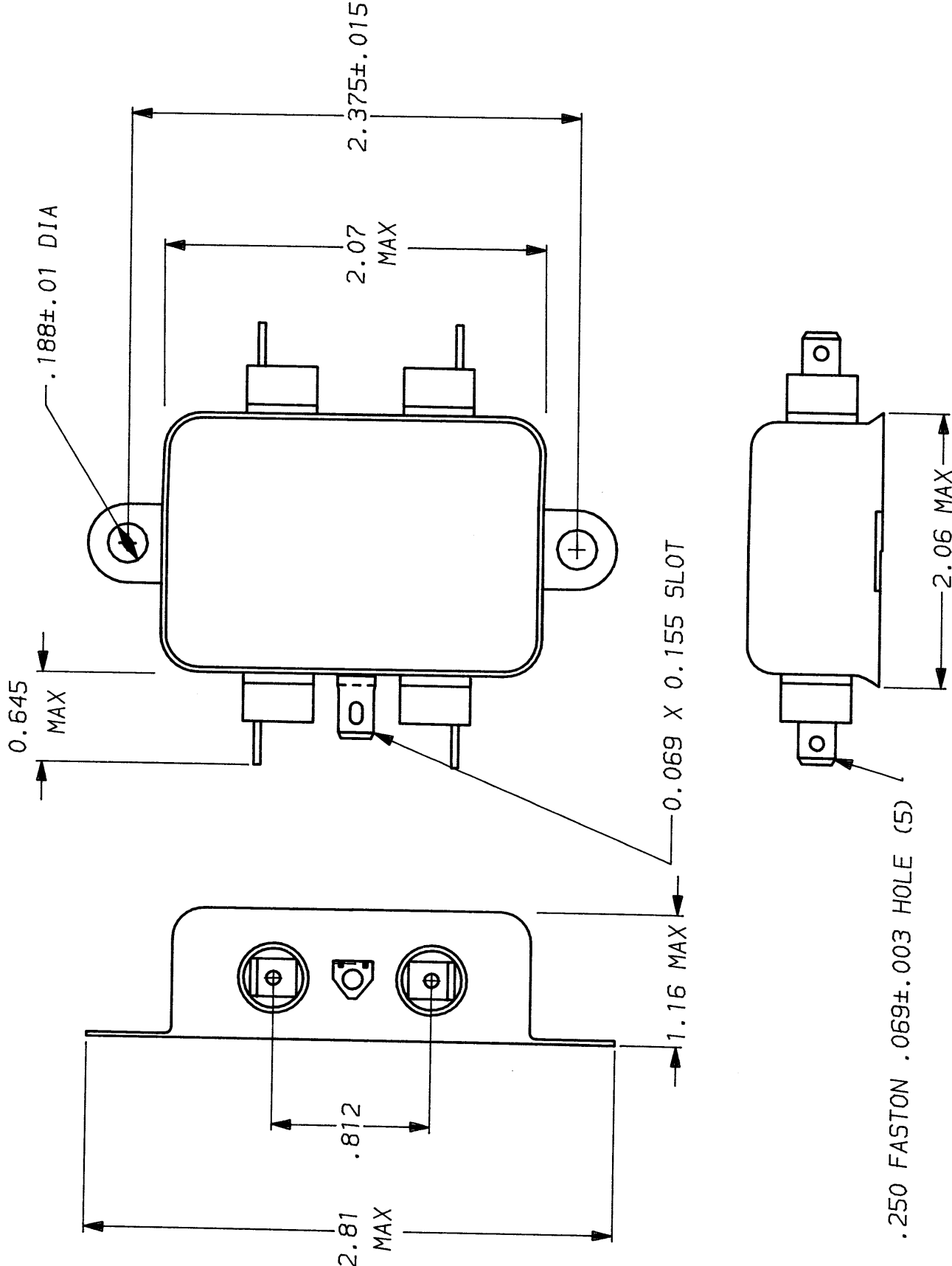
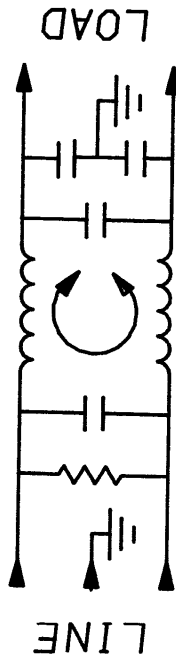
DRW. BY CFW

ORIGINATOR CFW

DRG. NO.

10VK1

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