

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

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 (PENDING)
VDE 565-3

OPERATING SPECIFICATIONS

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

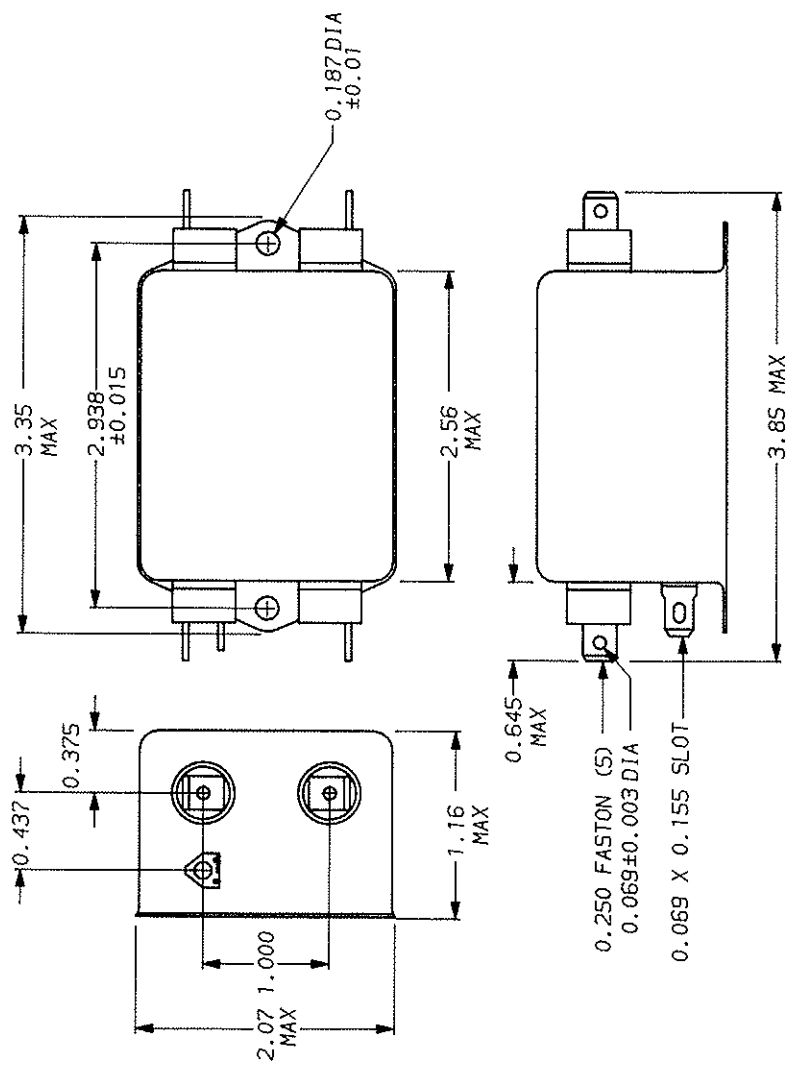
- INDUCTANCE:
1.76 mH NOMINAL
- CAPACITANCE, (MEASURED @ 1 KHz, 0.25 VAC MAX., 25°C ±1°C)
LINE TO GROUND:
.003µF ±20%
- LINE TO LINE:
1.08µF ±20%
- DISCHARGE RESISTOR
330KΩ
- LINE/GROUND AND LINE/LINE INSULATION RESISTANCE
6000 MΩ (MIN) AT 100 VDC
20°C AND 50% RH

RECOMMENDED RECEIVING INSPECTION HIPOT

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

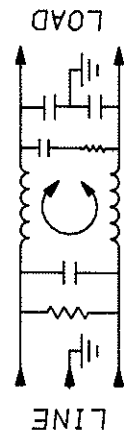
FILTER APPROVAL

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



| FREQUENCY MHz | 50Ω - 50Ω (MINIMUM) INSERTION LOSS | | | | | | | |
|------------------|------------------------------------|----|----|----|----|----|----|----|
| | .15 | .5 | 1 | 2 | 5 | 10 | 20 | 30 |
| COMMON | 17 | 31 | 39 | 44 | 47 | 50 | 52 | 52 |
| DIFF. | 30 | 55 | 65 | 65 | 65 | 62 | 62 | 62 |

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

MATERIAL:
AS SUPPLIED

FINISH:
AS SUPPLIED

SCALE: NTS 11-5-90
DATE: 11-5-90
REV. BY: CFM
ORIGINATOR: CFM

DRG. NO. 3EDK1.01

CORCOM
LIBERTYVILLE, IL 60048

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