

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
- VDE APPROVED

OPERATING SPECIFICATIONS:

- LINE VOLTAGE/CURRENT: 20 AMP., 120/250 VAC
- LINE FREQUENCY: 16 AMP./40°C, 250 VAC
- LINE FREQUENCY: 50-60Hz
- MAX. CASE RISE θ RATED CURRENT: 40°C
- MAX. LEAKAGE CURRENT, EACH: 0.5mA at 120V 60 Hz
- LINE TO GROUND: 1.2 mA at 250V 50 Hz
- 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 @ 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 \pm 1°C)
 - LINE TO GROUND: .013 μ F \pm 20%
 - LINE TO LINE: 1.08 μ F \pm 20%
- DISCHARGE RESISTOR: 330 K Ω
- LINE/GROUND AND LINE/LINE: 6000 M Ω (MIN) AT 100 VDC
- INSULATION RESISTANCE: 20°C AND 50% RH (W/O DISCHARGE RESISTOR)

RECOMMENDED RECEIVING INSPECTION HIPOUT.

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

FILTER APPROVAL:

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

TOLERANCE EXCEPT AS NOTED

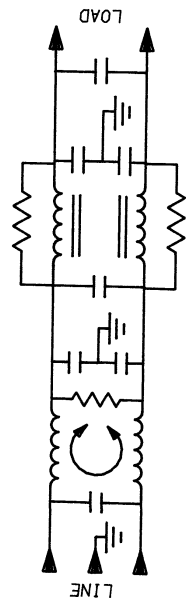
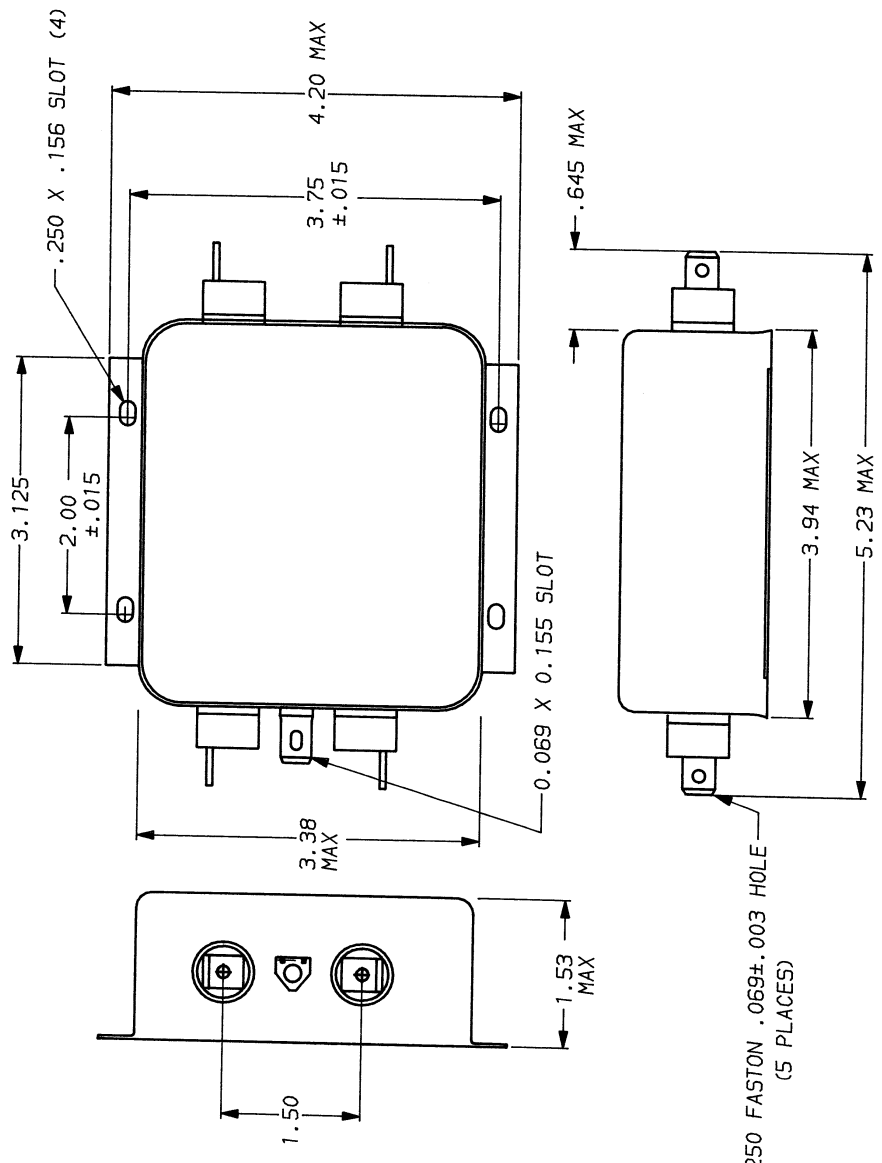
- DECIMAL: .XXX .XX .X ANGLES \pm 1°
- ENGLISH: \pm .025
- METRIC: \pm _____

MATERIAL:

AS SUPPLIED

FINISH:

AS SUPPLIED



50 μ - 50 μ (MINIMUM) INSERTION LOSS									
FREQUENCY	15	5	1	2	5	10	20	30	
kHz									
COMMON	19	35	40	65	65	65	57	47	
DIFF.	28	65	65	65	65	60	50	45	

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corcom
LIBERTYVILLE, IL 60048

POWER LINE FILTER

SCALE DATE DRG. NO. REV.
NTS 9-12-89 20VW1.07
DW. BY TDL
PREPARED BY CW