

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
 CSA CERTIFIED
 VDE APPROVAL PENDING
 SEV APPROVAL PENDING

OPERATING SPECIFICATIONS:

- LINE VOLTAGE/CURRENT:
 3 AMP., 120/250 VAC
 2 AMP./40°C, 250 VAC
- LINE FREQUENCY:
 50-60Hz
 40°C
- MAX. CASE RISE θ RATED CURRENT,
 MAX. LEAKAGE CURRENT, EACH
 LINE TO GROUND
 OPERATING AMBIENT TEMP. RANGE:
 -10°C TO +40°C θ RATED CURRENT, I_r

IN AN AMBIENT, I₀, HIGHER THAN 40°C, THE MAXIMUM OPERATING CURRENT, I₀, IS AS FOLLOWS:

$$I_0 = I_r \sqrt{\frac{85 - I_0}{45}}$$

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:
 CAPACITANCE, (MEASURED @ 1 KHz, 0.25 VAC MAX., 25°C ±1°C)
 LINE TO LINE,
 32.18 mH NOMINAL
 1.08µF ±20%

DISCHARGE RESISTOR

- LINE/GROUND AND LINE/LINE
 INSULATION RESISTANCE
 (W/O DISCHARGE RESISTOR)
 270 K Ω
 5000 M Ω (MIN) AT 100 VDC
 20°C AND 50% RH

RECOMMENDED RECEIVING INSPECTION HIPOIT.

- LINE 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

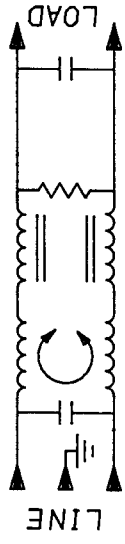
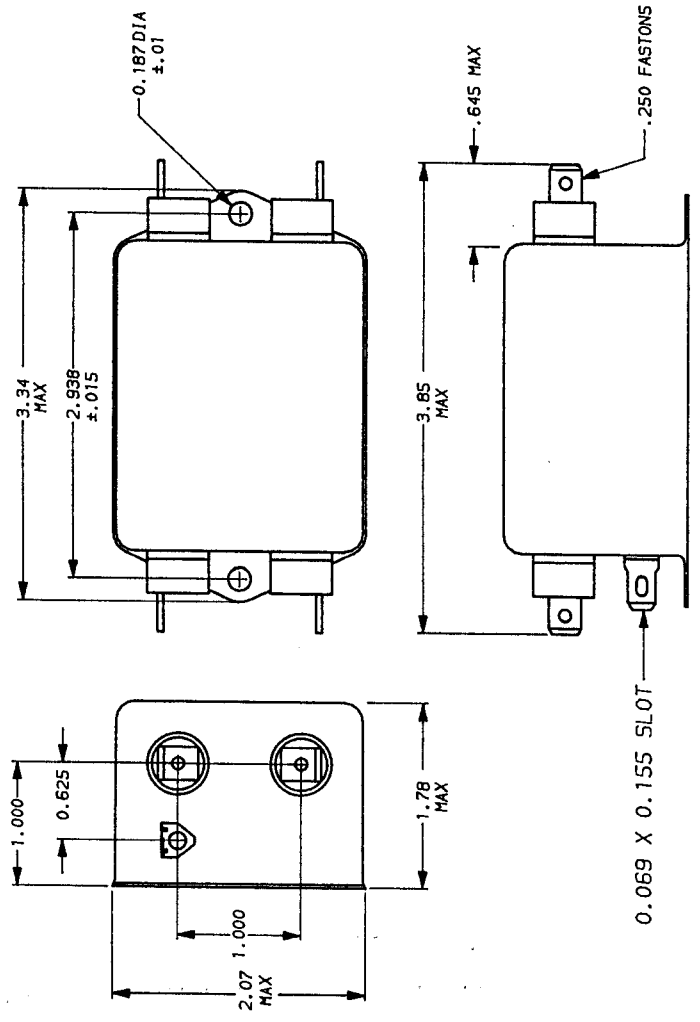
- DECIMAL: .XXX .XX .X ANGLES
 ENGLISH: ±.015
 METRIC: ±

MATERIAL:

AS SUPPLIED

FINISH:

AS SUPPLIED



50n - 50n (MINIMUM) INSERTION LOSS										
FREQUENCY MHz	.01	.15	.2	.5	1	2	5	10	20	30
COMMON	25	50	49	48	40	40	30	23	17	13
DIFF.	1	68	75	75	72	70	65	60	60	

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LIBERTYVILLE, IL 60048

POWER LINE FILTER

SCALE	DATE	DRG. NO.	REV.
NTS	7-21-92		3EHQ1.00
BY	CFW		