

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 APPROVED
SEV APPROVED

UL 1283
CSA 22.2, NO. 0, 0.4, 8
VDE 565-3
SEV 1055/TP1977/5.1.1

OPERATING SPECIFICATIONS.

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

LINE FREQUENCY,
MAX. CASE RISE & RATED CURRENT,
MAX. LEAKAGE CURRENT, EACH
LINE TO GROUND
OPERATING AMBIENT TEMP. RANGE,

.25mA at 120V 60 Hz
.40 mA at 250V 50 Hz
-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,
HUMIDITY,
CURRENT OVERLOAD TEST,

-40°C TO +85°C
21 DAYS @ 40°C 95% RH
6 TIMES RATED CURRENT FOR 8 SECONDS

TEST SPECIFICATIONS.

INDUCTANCE,
CAPACITANCE, (MEASURED @ 1 KHz, 0.25 VAC MAX., 25°C ±1°C)
LINE TO GROUND,
LINE TO LINE,
DISCHARGE RESISTOR,
LINE/GROUND AND LINE/LINE
INSULATION RESISTANCE
(W/O DISCHARGE RESISTOR)

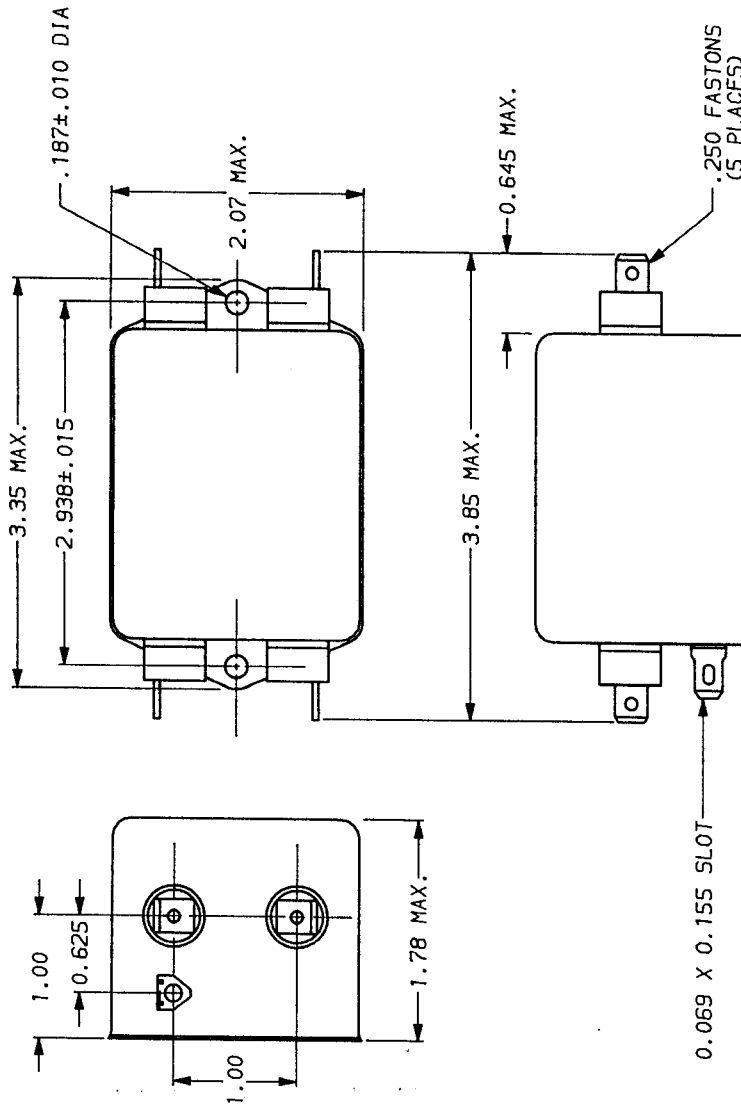
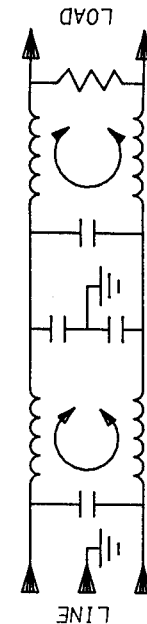
14.12 mH NOMINAL
VAC MAX., 25°C ±1°C)
.0056μF ±20%
.811μF ±20%
330 KΩ
5000 MΩ (MIN) AT 100 VDC
20°C AND 50% RH

RECOMMENDED RECEIVING INSPECTION HIPOUT.

LINE TO GROUND,
LINE TO LINE,
FILTER APPROVAL,

2250 VDC FOR 1 MINUTE
1450 VDC FOR 1 MINUTE

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



50Ω - 50Ω (MINIMUM) INSERTION LOSS											
FREQUENCY MHz		.01	.04	.05	.06	.15	.5	1	10	20	30
COMMON	dB	12	2	10	18	58	65	65	62	55	35
DIFF.	dB	1	3	3	4	36	65	65	65	58	58

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corcom
LIBERTYVILLE, IL 60048

POWER LINE FILTER

DATE: 9-12-89
REV: 3EP1.08
BY: TDL
ORIGINATOR: CM