

TAM 11/20/92
APPROVED BY/DATE

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REV

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

IN PROCESS
IN PROCESS
IN PROCESS

OPERATING SPECIFICATIONS.

LINE VOLTAGE/CURRENT,
10 AMP., 120/250 VAC
10 AMP./40°C, 250 VAC

LINE FREQUENCY,
50-60Hz
MAX. LEAKAGE CURRENT, EACH
.25ma at 120V 60 Hz
LINE TO GROUND
.42ma at 250V 50 Hz

OPERATING AMBIENT TEMP. RANGE,
-10°C TO +40°C @ RATED CURRENT, I_r

IN AN AMBIENT, T₀, HIGHER THAN 40°C, THE MAXIMUM OPERATING CURRENT, I₀, IS AS FOLLOWS.

$$I_0 = I_r \sqrt{\frac{85-T_0}{45}}$$

RELIABILITY SPECIFICATIONS.

STORAGE TEMPERATURE,
-25°C TO +85°C
HUMIDITY,
21 DAYS @ 40°C 95% RH
CURRENT OVERLOAD TEST,
6 TIMES RATED CURRENT FOR 8 SECONDS

TEST SPECIFICATIONS.

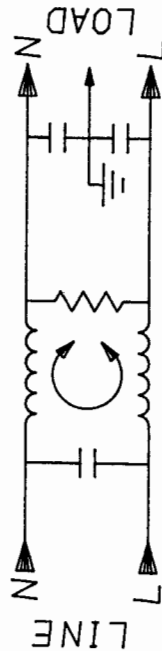
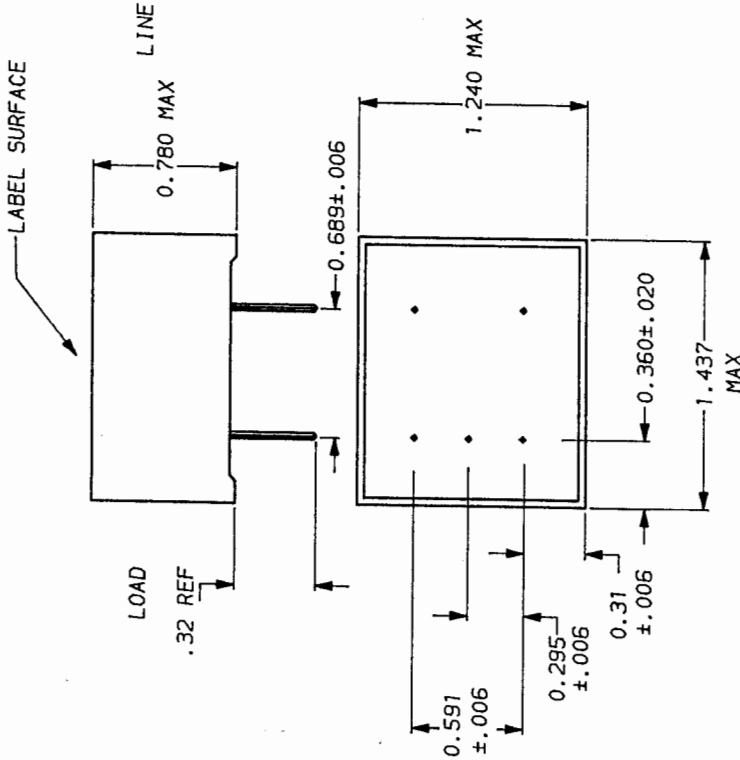
INDUCTANCE,
0.35 mH NOMINAL
CAPACITANCE, (MEASURED @ 1 KHz, 0.25 VAC MAX., 25°C ±1°C)
LINE TO GROUND,
.003µF ±20%
LINE TO LINE,
.02µF ±20%
DISCHARGE RESISTOR,
1.5MΩ
LINE/GROUND AND LINE/LINE
INSULATION RESISTANCE
6000 MΩ (MIN) AT 100 VDC
20°C AND 50% RH
(W/O DISCHARGE RESISTOR)

RECOMMENDED RECEIVING INSPECTION HIPOT.

LINES TO GROUND,
1500 Vdc FOR 1 MINUTE
LINES 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.



50Ω - 50dB (MINIMUM) INSERTION LOSS										
FREQUENCY MHz	1	2	3	4	5	8	10	20	30	
COMMON dB	4	13	15	19	22	26	30	35	35	10
DIFF. dB	1	4	6	9	12	14	14	30	35	42
										35

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

corcom
LIBERTYVILLE, IL 60048

POWER LINE FILTER

SCALE: NTS 10/21/92
DATE: 10/21/92
REV. NO. 10EOP
DRAWN BY: TAM
TAM

FINISH:

Mouser Electronics

Authorized Distributor

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[TE Connectivity:](#)

[10EOP](#) [6609064-4](#)