

C. Webster 11-30-90
APPROVED/DATE

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 (PENDING)
CSA 22.2, NO. 0, 0.4, 8
VDE APPROVED (PENDING)
VDE 565-3

OPERATING SPECIFICATIONS:

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

LINE FREQUENCY:

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:
.516 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
6000 MΩ (MIN) AT 100 VDC
INSULATION RESISTANCE
20°C AND 50% RH

RECOMMENDED RECEIVING INSPECTION HIPOI:

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.

TOLERANCE EXCEPT AS NOTED

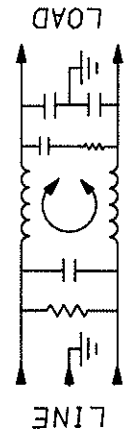
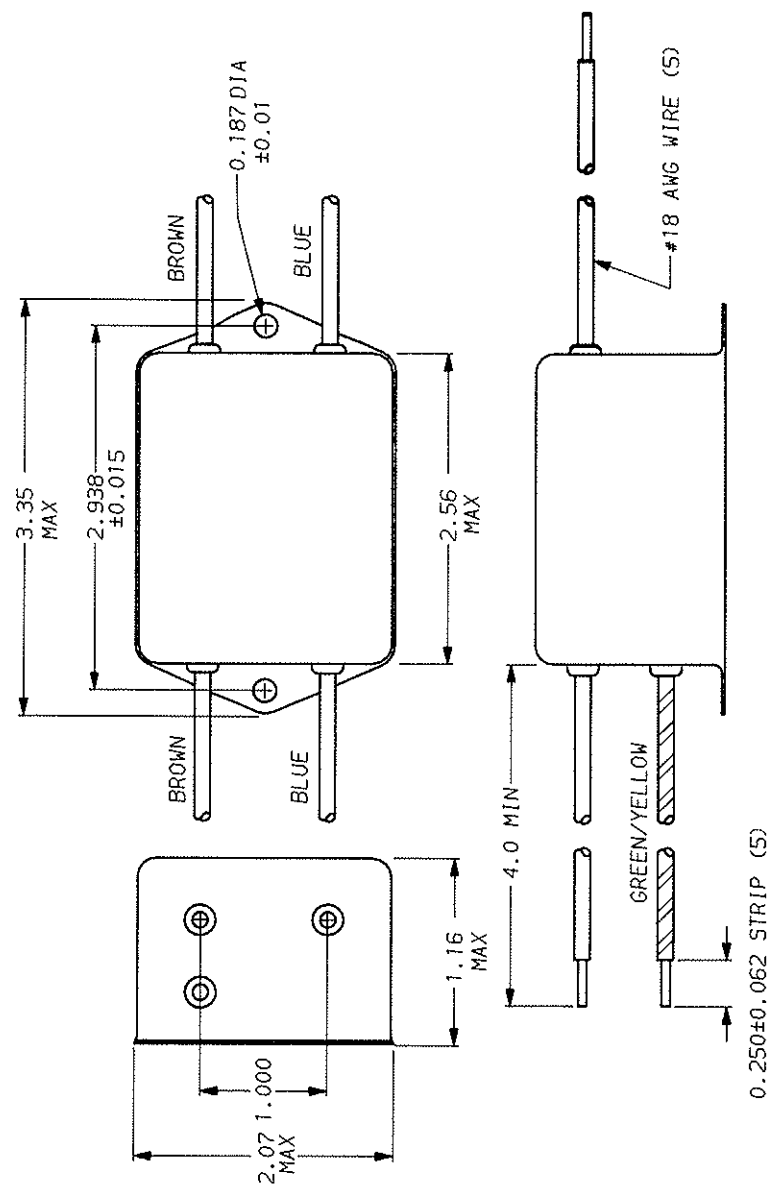
DECIMAL: .XX .XX .X ANGLES
ENGLISH: ±.025
METRIC: ±

MATERIAL:

AS SUPPLIED

FINISH:

AS SUPPLIED



50n - 50n (MINIMUM) INSERTION LOSS										
FREQUENCY PHZ	.15	.5	1	2	5	10	20	30		
COMMON dB	10	19	27	32	40	46	48	52		
DIFF. dB	20	49	60	60	65	61	61	61		

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corcom
LIBERTYVILLE, IL 60048

POWER LINE FILTER

SCALE: NTS 11-5-90
REV. NO. 6EDK3.00
REV. 11-5-90
ORIG. BY CFW

Mouser Electronics

Authorized Distributor

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[6EDK3](#)