

C. Webster 11-30-90
APPROVED/DATE

0
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 (PENDING)
VDE APPROVED (PENDING)

UL 1283
CSA 22.2, NO.0,0,4,8
VDE 565-3

OPERATING SPECIFICATIONS:

LINE VOLTAGE/CURRENT:
LINE FREQUENCY:
MAX. LEAKAGE CURRENT, EACH
LINE TO GROUND
OPERATING AMBIENT TEMP. RANGE:
IN AN AMBIENT, T_0 , HIGHER THAN 40°C, THE MAXIMUM OPERATING CURRENT, I_0 , IS AS FOLLOWS:

1 AMP., 120/250 VAC
1 AMP./40°C, 250 VAC
50-60Hz
.25 mA @ 120V 60 Hz
.48 mA @ 250V 50 Hz
-10°C TO +40°C @ RATED CURRENT, I_r

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

RELIABILITY SPECIFICATIONS:

STORAGE TEMPERATURE:
HUMIDITY:
CURRENT OVERLOAD TEST:
TEST SPECIFICATIONS:

-40°C TO +85°C
21 DAYS @ 40°C 95% RH
6 TIMES RATED CURRENT FOR 8 SECONDS
1.86 mH NOMINAL
CAPACITANCE, (MEASURED @ 1 KHz, 0.25 VAC MAX., 25°C ±1°C)
.003µF ±20%
.81µF ±20%

INDUCTANCE:

DISCHARGE RESISTOR
LINE/GROUND AND LINE/LINE
INSULATION RESISTANCE

330kΩ
6000 MΩ (MIN) AT 100 VDC
20°C AND 50% RH

RECOMMENDED RECEIVING INSPECTION HIPOT:

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

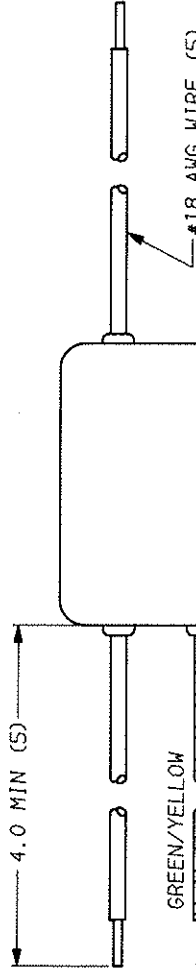
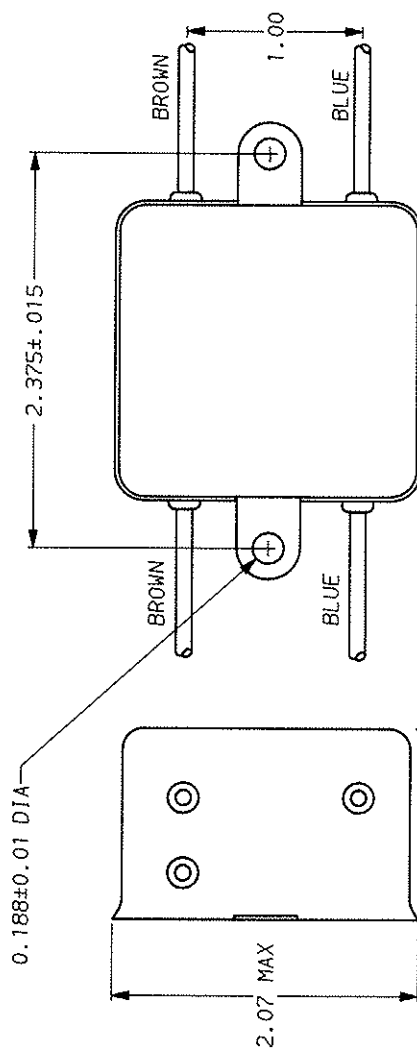
DECIMAL: .XX .XX .X ANGLES
ENGLISH: ±.025 ± 1°
METRIC: ±

MATERIAL:
AS SUPPLIED

AS SUPPLIED

FINISH:

AS SUPPLIED



FREQUENCY MHz	.15	.5	1	2	5	10	20	30
COMMON	18	32	40	45	45	45	52	40
DIFF.	20	50	65	60	53	48	48	48

50Ω - 50Ω (MINIMUM) INSERTION LOSS
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CORCOM
LIBERTYVILLE, IL 60048

POWER LINE FILTER

SCALE: NTS 1:1-5-90
REV. BY: CFM
REV. NO.: 1EDK3.00

Mouser Electronics

Authorized Distributor

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[1EDK3](#)