

C. Webster 11-30-90

APPROVED/DATE

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:

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

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

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

$$I_o = I_r \sqrt{\frac{85 - T_o}{45}}$$

RELIABILITY SPECIFICATIONS:

STORAGE TEMPERATURE,  
HUMIDITY,  
CURRENT OVERLOAD TEST:  
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

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

1.76 mH NOMINAL  
.003μF ± 20%  
1.08μF ± 20%  
330KΩ  
6000 MΩ (MIN) AT 100 VDC  
20°C AND 50% RH

RECOMMENDED RECEIVING INSPECTION HIPOT:

LINES TO GROUND, 2250 VDC FOR 1 MINUTE  
LINES TO LINE, 1450 VDC FOR 1 MINUTE

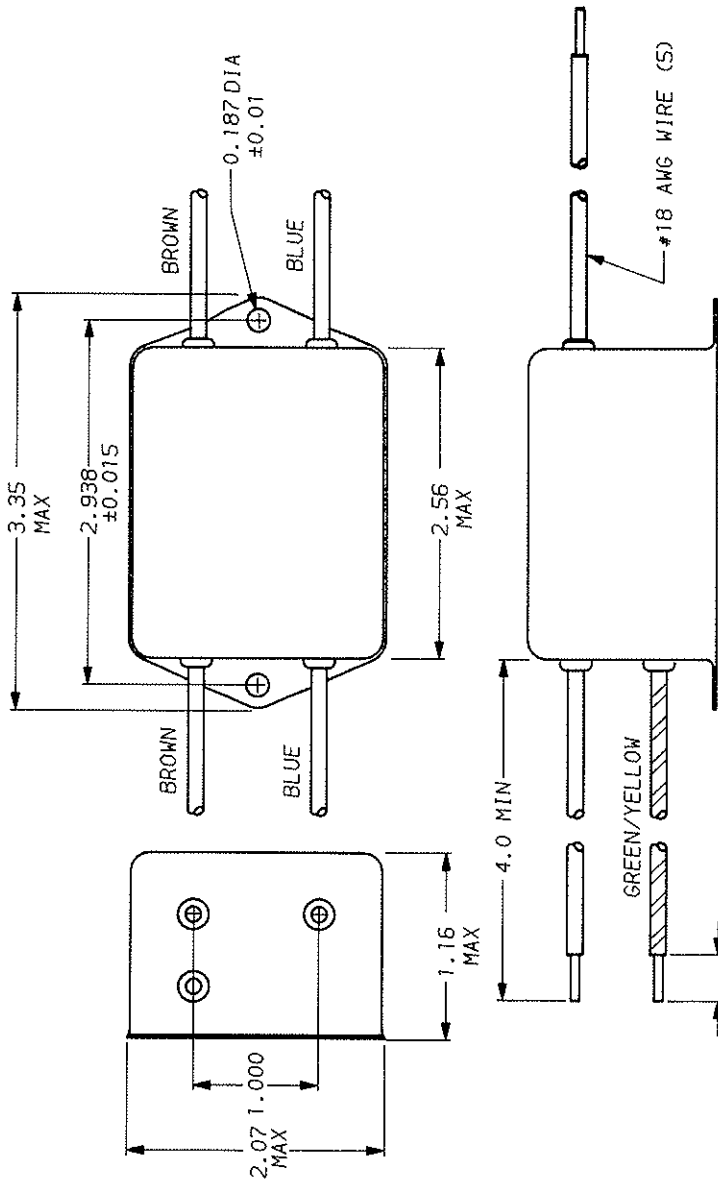
FILTER APPROVAL:

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

50m - 50m (MINIMUM) INSERTION LOSS

FREQUENCY MHz	.15	.5	1	2	5	10	20	30
COMMON dB	17	31	39	44	47	50	52	52
DIFF. dB	30	55	65	65	65	62	62	62

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POWER LINE FILTER

SCALE: NTS 11-5-90  
REV. NO. 3EDK3.00

# Mouser Electronics

Authorized Distributor

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