

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:

1 AMP., 120/250 VAC
1 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:

1.86 mH NOMINAL

CAPACITANCE, (MEASURED @ 1 KHz, 0.25 VAC MAX., 25°C ±1°C)

.003μF ±20%

LINE TO GROUND:

.81μF ±20%

LINE TO LINE:

330kΩ

DISCHARGE RESISTOR

6000 MΩ (MIN) AT 100 VDC

LINE/GROUND AND LINE/LINE

20°C AND 50% RH

INSULATION RESISTANCE

RECOMMENDED RECEIVING INSPECTION HIPOT:

2250 VDC FOR 1 MINUTE

LINE TO GROUND:

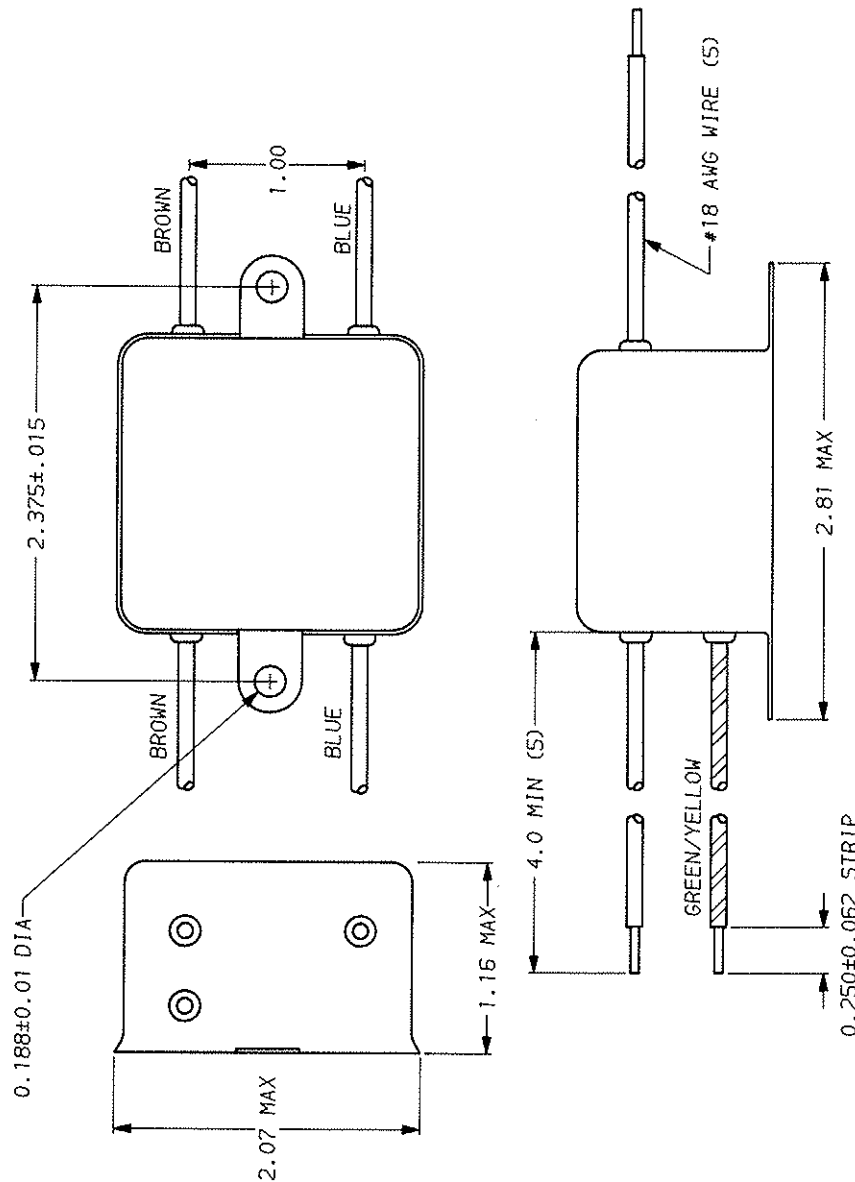
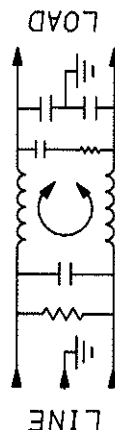
1450 VDC FOR 1 MINUTE

LINE TO LINE:

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

50n - 50n (MINIMUM) INSERTION LOSS										
FREQUENCY MHz	.15	.5	1	2	5	10	20	30		
COMMON dB	18	32	40	45	45	45	52	40		
DIFF. dB	20	50	65	65	60	53	48	48		

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POWER LINE FILTER

SCALE: NTS 11-5-90
REV. BY: CFM
REV. NO.: 1EDK3.00