

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

UL 1283
CSA 22.2, NO.0,0.4,8
VDE 565-3

OPERATING SPECIFICATIONS:
LINE VOLTAGE/CURRENT:

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

LINE FREQUENCY:

MAX. CASE RISE θ RATED CURRENT:
MAX. LEAKAGE CURRENT, EACH
LINE TO GROUND

.5 mA at 120V 60 Hz
1.0 mA at 250V 50 Hz
-10°C TO +40°C θ RATED CURRENT, I_r

OPERATING AMBIENT TEMP. RANGE:

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 θ 40°C 95% RH

CURRENT OVERLOAD TEST:

6 TIMES RATED CURRENT FOR 8 SECONDS

TEST SPECIFICATIONS:

INDUCTANCE:

8.73 mH NOMINAL

CAPACITANCE: MEASURED θ 1 KHz, 0.25 VAC MAX., 25°C $\pm$ 1°C)

LINE TO GROUND:

.011 μ F $\pm$ 20%

LINE TO LINE:

.54 μ F $\pm$ 20%

DISCHARGE RESISTOR

330 K Ω

LINE/GROUND AND LINE/LINE

6000 M Ω (MIN) AT 100 VDC

INSULATION RESISTANCE

20°C AND 50% RH

RECOMMENDED RECEIVING INSPECTION HIPOUT:

LINES 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.

50 Ω - 50 Ω (MINIMUM) INSERTION LOSS												
FREQUENCY MHz	.01	.02	.05	.1	.15	.5	1	5	10	20	30	
COMMON dB	6	12	20	24	26	30	47	50	52	55	58	35
DIFF. dB	1	1	2	3	10	26	59	65	65	60	60	

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TOLERANCE EXCEPT AS NOTED
DECIMAL: .XXX .XX .X ANGLES
ENGLISH: $\pm$.025
METRIC: $\pm$ —



CORCOM
LIBERTYVILLE, IL 60048

POWER LINE FILTER

AS SUPPLIED

FINISH:

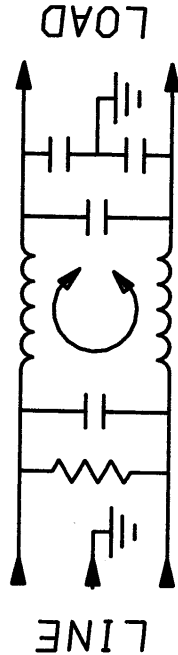
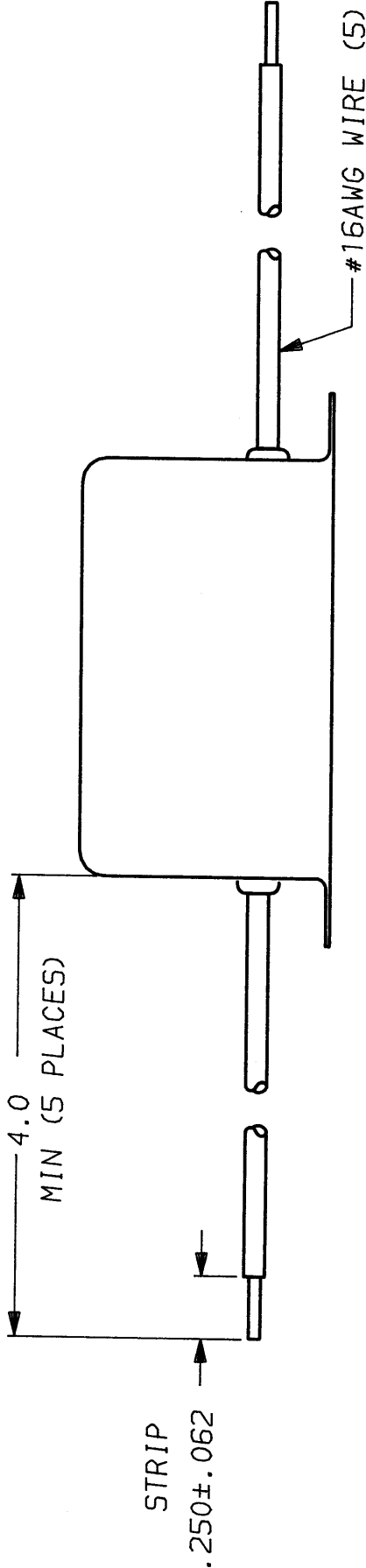
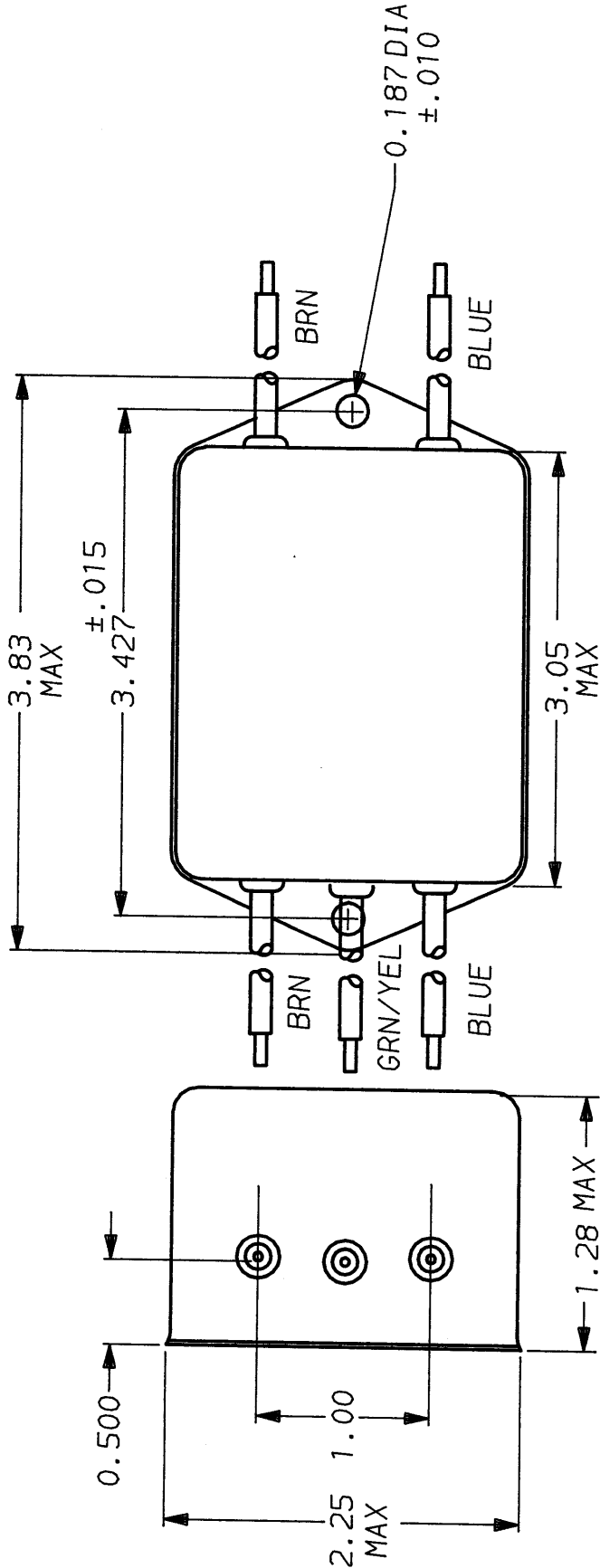
AS SUPPLIED

SCALE NTS DATE 8-7-90 DRG. NO.

DRW. BY CFW ORIGINATOR CFW

REV.

6VSK3.06



Mouser Electronics

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