

C. Webster	11-22-91	0
DESCRIPTION	APP'D./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
VDE APPROVED (PENDING)

UL 544
CSA 22.2, NO. 0.0.4.8
VDE 565-3

OPERATING SPECIFICATIONS, LINE VOLTAGE/CURRENT:

6 AMP., 120/250 VAC
50-60Hz
30°C

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

2µA at 120V 60 Hz
5µA at 250V 50 Hz
-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

6 TIMES RATED CURRENT FOR 8 SECONDS

CURRENT OVERLOAD TEST:

TEST SPECIFICATIONS:

INDUCTANCE:
CAPACITANCE, MEASURED @ 1 KHz, 0.25 VAC MAX., 25°C ±1°C
LINE TO LINE:
0.465 mH NOMINAL
.01µF ±20%

DISCHARGE RESISTOR,
LINE/GROUND AND LINE/LINE
INSULATION RESISTANCE
(W/O DISCHARGE RESISTOR)

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

RECOMMENDED RECEIVING INSPECTION HIPOUT:

LINE TO GROUND:
LINE TO LINE:
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
METRIC: ±

50n - 50n (MINIMUM) INSERTION LOSS

FREQUENCY MHz	.15	.5	1.0	5.0	10	20	30
COMMON dB	9	16	20	26	23	20	18

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FINISH:

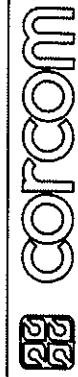
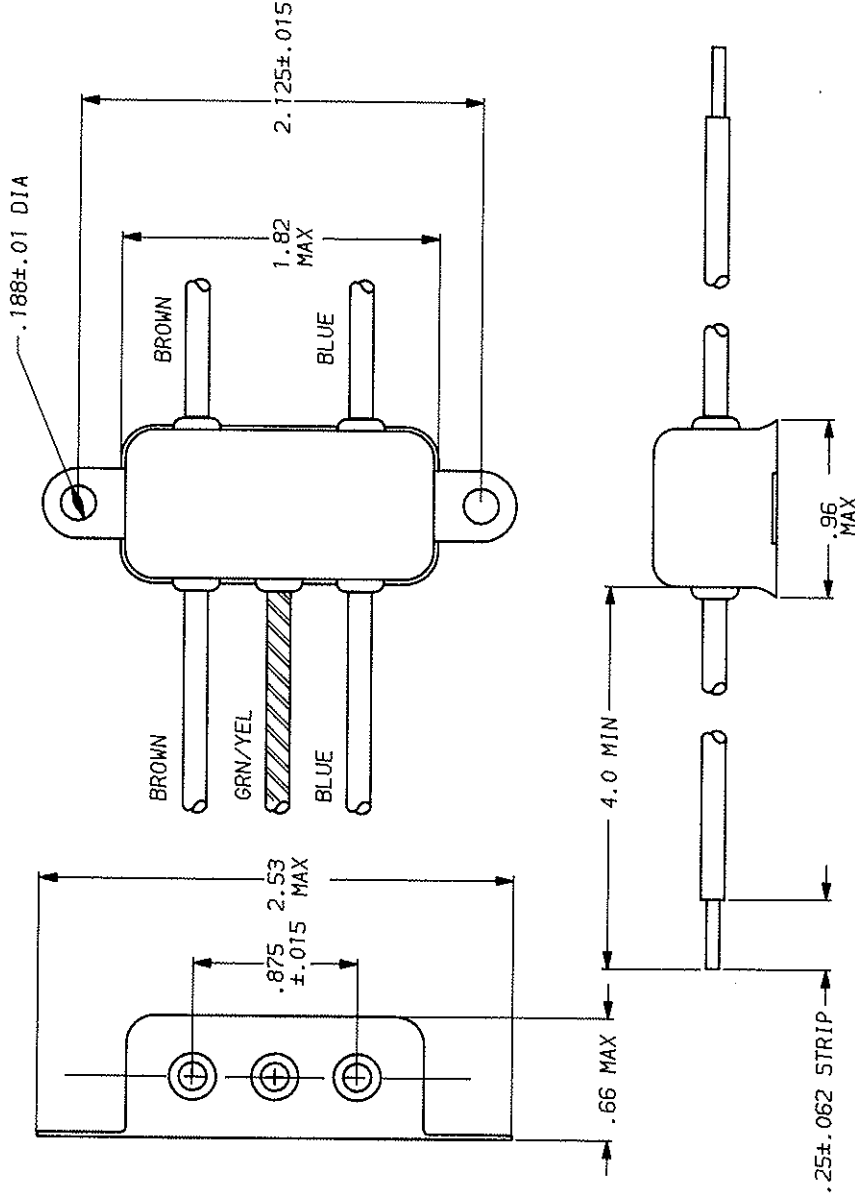
AS SUPPLIED

DATE
11-19-91

ORIGINATOR
CFW

DRS. NO.

REV.
6EH3.00



POWER LINE FILTER

*RESISTOR ADDED TO PRODUCT BUILT AFTER 3-30-92 (9212).