

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 544  
CSA CERTIFIED  
CSA 22.2, NO. 0, 0.4, 8  
VDE APPROVED  
VDE 565-3, 625

OPERATING SPECIFICATIONS.

LINE VOLTAGE/CURRENT,  
6 AMP., 120/250 VAC  
50-60HZ

LINE FREQUENCY:

MAX. LEAKAGE CURRENT, EACH  
LINE TO GROUND  
2µA at 120V 50 Hz  
5µA at 250V 50 Hz

OPERATING AMBIENT TEMP. RANGE:

-10°C TO +40°C @ RATED CURRENT, I<sub>r</sub>  
IN AN AMBIENT, T<sub>a</sub>, HIGHER THAN 40°C, THE MAXIMUM OPERATING  
CURRENT, I<sub>o</sub>, IS AS FOLLOWS:

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

RELIABILITY SPECIFICATIONS:

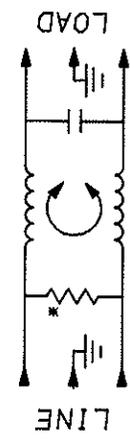
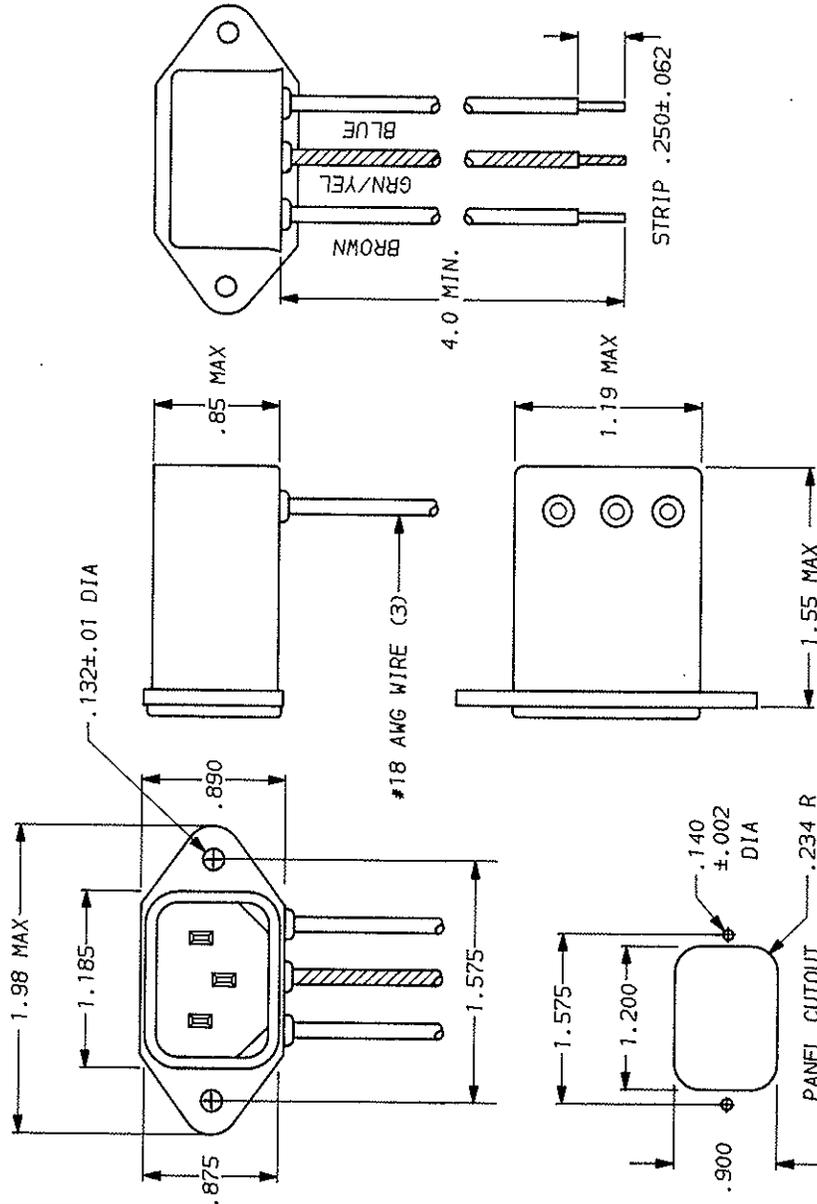
STORAGE TEMPERATURE,  
-40°C TO +85°C  
HUMIDITY,  
21 DAYS @ 40°C 95% RH  
CURRENT OVERLOAD TEST,  
6 TIMES RATED CURRENT FOR 8 SECONDS

TEST SPECIFICATIONS.

INDUCTANCE,  
.465 mH NOMINAL  
CAPACITANCE, (MEASURED @ 1 KHZ, 0.25 VAC MAX., 25°C ±1°C)  
LINE TO LINE,  
.01µF ±20%  
DISCHARGE RESISTOR,  
1.5 MΩ  
LINE/GROUND AND LINE/LINE  
5000 MΩ (MIN) AT 100 VDC  
INSULATION RESISTANCE  
(4/0 DISCHARGE RESISTOR)  
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.



50a - 50a MINIMUM INSERTION LOSS

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

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TOLERANCE EXCEPT AS NOTED  
DECIMAL: .XXX .XX .X ANGLES  
ENGLISH: ±.015 ± 1°  
METRIC: ±

MATERIAL:  
AS SUPPLIED

FINISH:  
AS SUPPLIED

SALE PRICE: NTS 8-14-90  
PART. NO. CFW  
ORIGINATOR CFW

DRG. NO. 6EH5.01

REV. 01

**corcom**  
LIBERTYVILLE, IL 60048

**P**

**POWER LINE FILTER**

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

# Mouser Electronics

Authorized Distributor

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[6EH5](#)