

**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, 625

**OPERATING SPECIFICATIONS:**

LINE VOLTAGE/CURRENT:  
 LINE FREQUENCY:

MAX. LEAKAGE CURRENT, EACH LINE TO GROUND  
 OPERATING AMBIENT TEMP. RANGE:

6 AMP., 120/250 VAC  
 5 AMP./40°C, 250 VAC  
 50-60Hz  
 .3mA at 120V 60 Hz  
 .5 mA at 250V 50 Hz  
 -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:

$$I_o = I_r \sqrt{\frac{95 - T_a}{45}}$$

**RELIABILITY SPECIFICATIONS:**

STORAGE TEMPERATURE:  
 HUMIDITY:  
 CURRENT OVERLOAD TEST:

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

**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

18.5 mH NOMINAL  
 1.004µF ±20%  
 1.089µF ±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  
 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.

**TOLERANCE EXCEPT AS NOTED**

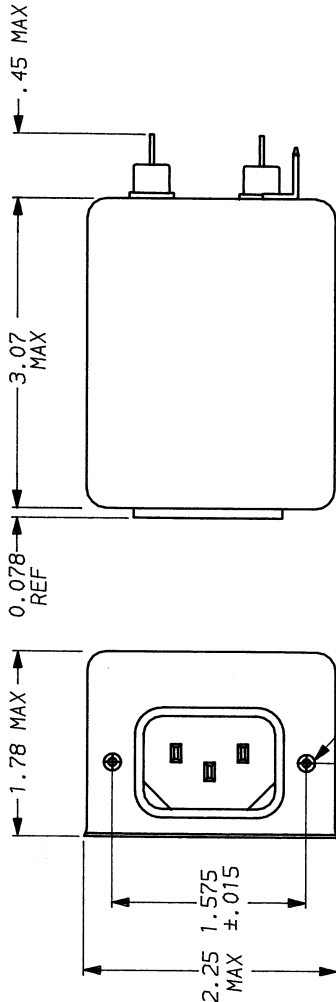
DECIMAL: .XXX .XX .X ANGLES ±1°  
 ENGLISH: ±.025  
 METRIC: ±

**MATERIAL:**

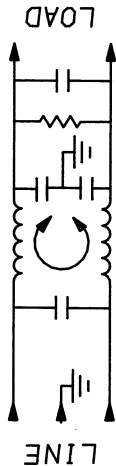
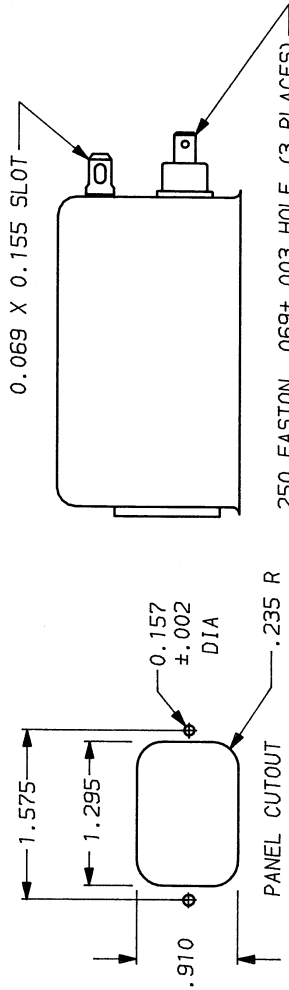
AS SUPPLIED

**FINISH:**

AS SUPPLIED



6-32 X 1/4 BLIND INSERT



50Ω - 50μ (MINIMUM) INSERTION LOSS		1	2	5	8	10	20	30
FREQUENCY MHz	.01 .03 .05 .15	.5	1	2	5	8	10	20
COMMON dB	16 26 30 41 47 44 43 40 40 42 42	43	43	40	40	40	42	42
DIFF. dB	4 2 14 51 70 70 65 50 47 50 55	70	70	65	50	47	50	55

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**corcom**  
 LIBERTYVILLE, IL 60048

**POWER LINE FILTER**

SCALE: NTS 7-26-90  
 DATE: 7-26-90  
 DRW. BY: CFW  
 ORIGINATOR: CFW

DRG. NO. 6ET7.03  
 REV. 03