

APPROVED BY/DATE  
 C. Webster 5-26-72

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 1283  
 CSA 22.2, NO. 0.0.4, 8  
 VDE 565-3

OPERATING SPECIFICATIONS:  
 LINE VOLTAGE/CURRENT:

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

MAX. LEAKAGE CURRENT, EACH LINE TO GROUND

.25 mA @ 120V 60 Hz  
 .48 mA @ 250V 50 Hz

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

CURRENT OVERLOAD TEST:

TEST SPECIFICATIONS:  
 INDUCTANCE,

1.86 mH NOMINAL  
 CAPACITANCE: (MEASURED @ 1 KHz, 0.25 VAC MAX., 25°C ±1°C)  
 .003µF ±20%  
 .81µF ±20%

DISCHARGE RESISTOR  
 LINE/GROUND AND LINE/LINE  
 INSULATION RESISTANCE

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

RECOMMENDED RECEIVING INSPECTION HIPOT.

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.

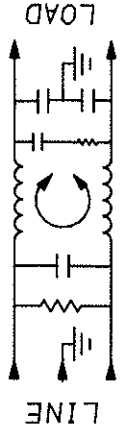
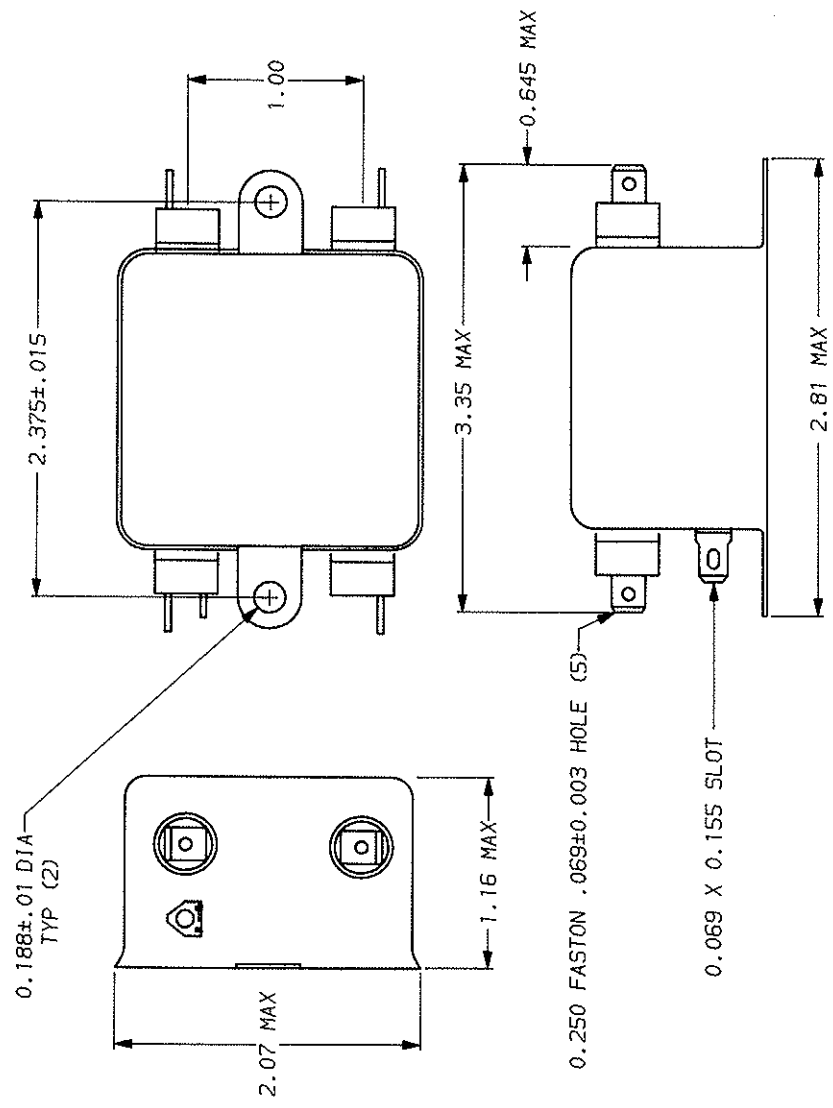
TOLERANCE EXCEPT AS NOTED

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

MATERIAL: AS SUPPLIED

FINISH: AS SUPPLIED

AS SUPPLIED



FREQUENCY MHZ	.15	.5	1	2	5	10	20	30
COMMON	18	32	40	45	45	45	52	40
DIFF.	20	50	65	65	60	53	48	48

50Ω - 50Ω (MINIMUM) INSERTION LOSS

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**corcom**  
 LIBERTYVILLE, IL 60048

**POWER LINE FILTER**

SOLE MFG. NTS 11-5-90  
 DRG. NO. 1EDK1.01  
 ORIGINATOR CFW  
 REV. 1