

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 1283
CSA CERTIFIED
CSA 22.2, NO. 0, 0.4, 8
VDE APPROVED (PENDING)
VDE 565-3

OPERATING SPECIFICATIONS:

LINE VOLTAGE/CURRENT:
20 AMP., 120/250 VAC
16 AMP./40°C, 250 VAC
50-60Hz

LINE FREQUENCY:

MAX. LEAKAGE CURRENT, EACH
LINE TO GROUND
.50 mA @ 120V 60 Hz
.83 mA @ 250V 50 Hz

OPERATING AMBIENT TEMP. RANGE:

-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
CURRENT OVERLOAD TEST:
6 TIMES RATED CURRENT FOR 8 SECONDS

TEST SPECIFICATIONS:

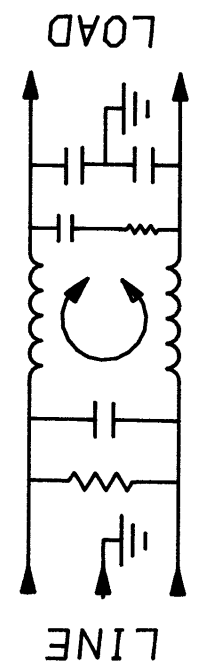
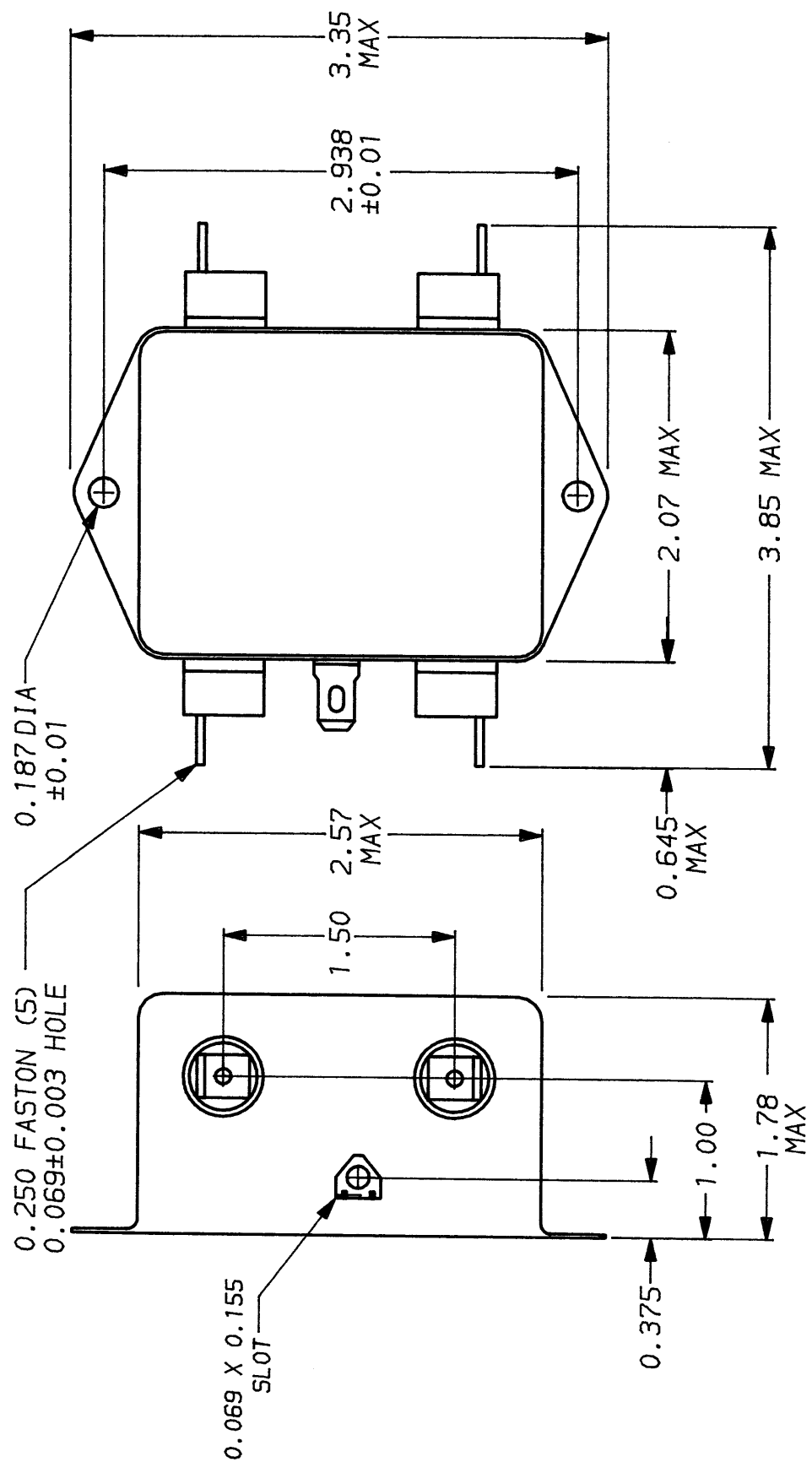
INDUCTANCE:
.54 mH NOMINAL
CAPACITANCE: (MEASURED @ 1 KHz, 0.25 VAC MAX., 25°C ±1°C)
LINE TO GROUND:
.0055µF ±20%
LINE TO LINE:
1.08µF ±20%
DISCHARGE RESISTOR
330KΩ
LINE/GROUND AND LINE/LINE
6000 MΩ (MIN) AT 100 VDC
INSULATION RESISTANCE
20°C AND 50% RH

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.



FREQUENCY MHZ	50Ω - 50Ω (MINIMUM) INSERTION LOSS									
	.15	.5	1	2	5	10	20	30		
COMMON dB	10	23	30	34	39	44	49	55		
DIFF. dB	20	43	55	62	65	60	55	55		

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CORCOM
LIBERTYVILLE, IL 60048

POWER LINE FILTER

SCALE: NTS 11-5-90
DATE: 11-5-90
DRG. NO.: 20VDK1.01
REV.:

DRW. BY: CFW
ORIGINATOR: CFW