

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 1283
CSA 22.2, NO.0,0.4,8
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
OPERATING AMBIENT TEMP. RANGE:

.50 mA @ 120V 60 Hz
.83 mA @ 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

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 HIPOUT:

LINES TO GROUND:

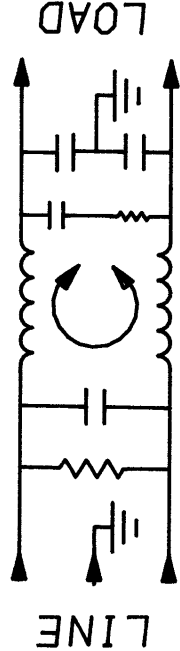
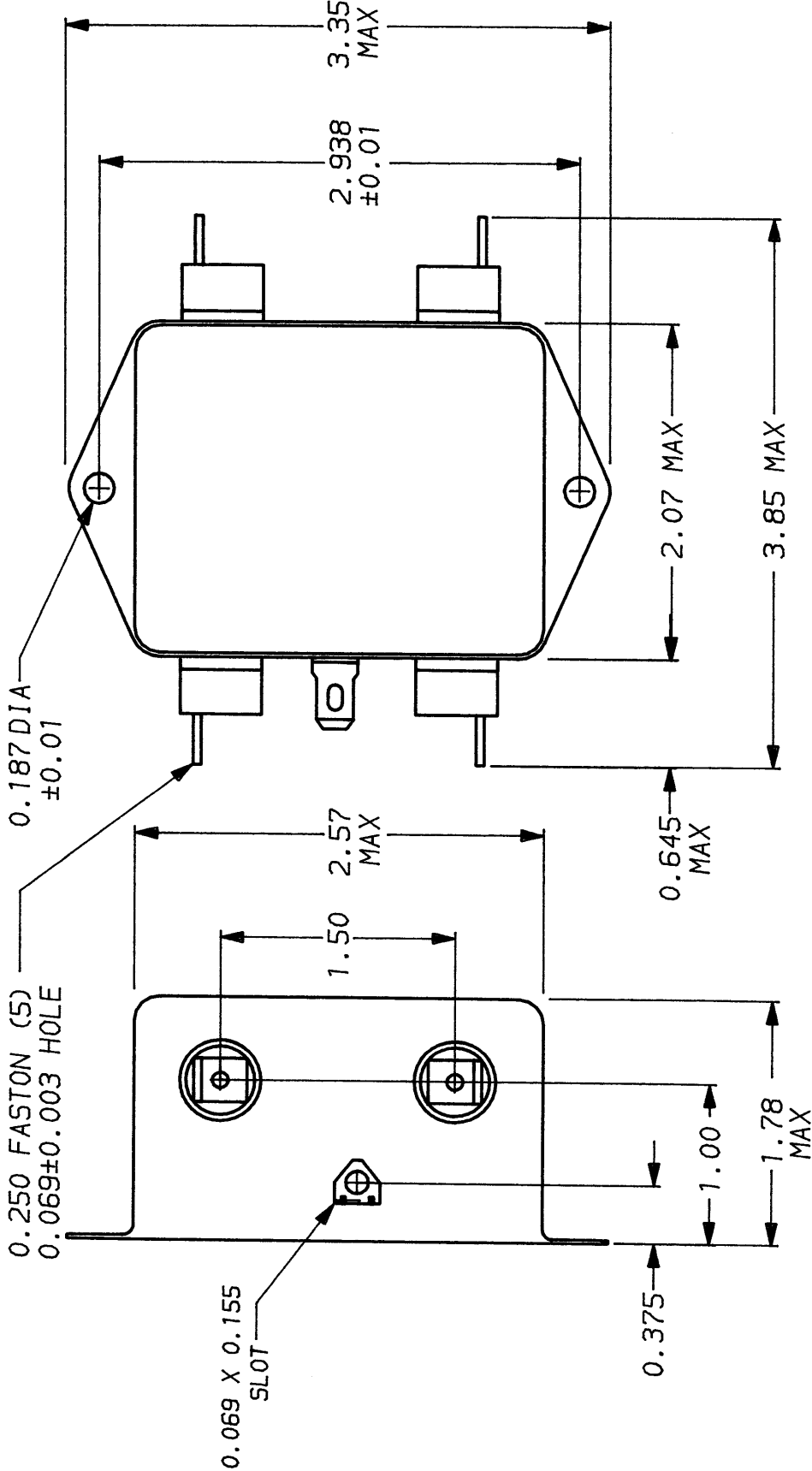
2250 VDC FOR 1 MINUTE

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.



50Ω - 50Ω (MINIMUM) INSERTION LOSS										
FREQUENCY MHz	.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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TOLERANCE EXCEPT AS NOTED										
DECIMAL: .XXX .XX .X ANGLES ± 1°										
ENGLISH: ±.025										
METRIC: ± —										
MATERIAL: AS SUPPLIED										
FINISH: AS SUPPLIED										
SCALE NTS DATE 11-5-90 DRG. NO. 20VDK1.01 REV.										
ORIGINATOR CFW										



LIBERTYVILLE, IL 60048

POWER LINE FILTER