

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:  
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

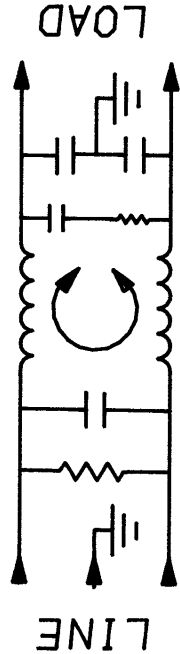
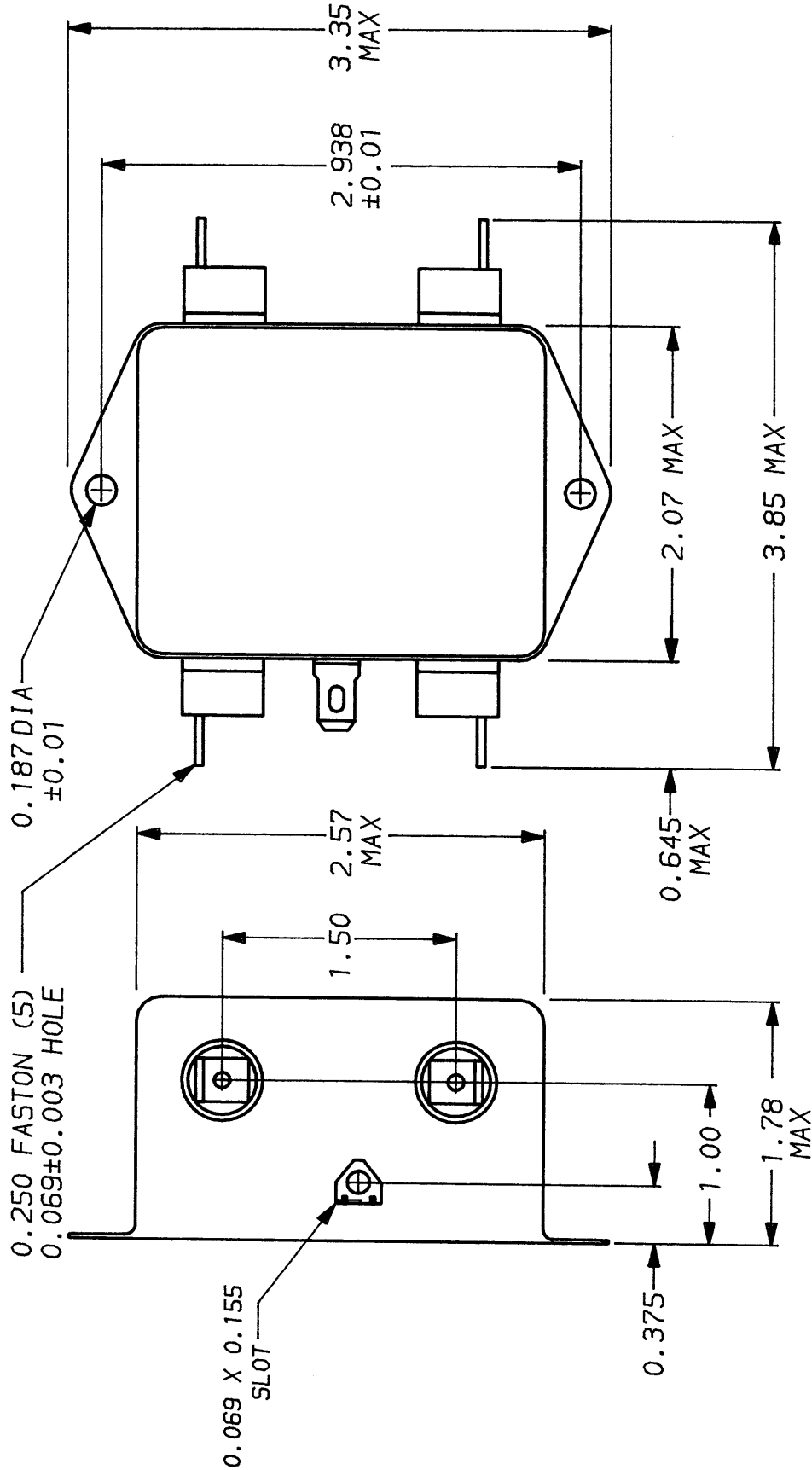
.54 mH NOMINAL  
.0055µF ±20%  
1.08µF ±20%  
330KΩ  
6000 MΩ (MIN) AT 100 VDC  
20°C AND 50% RH

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.



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 ENGLISH: ±.025 METRIC: ±										POWER LINE FILTER
MATERIAL: AS SUPPLIED										SCALE NTS
FINISH: AS SUPPLIED										DATE 11-5-90
										DRG. NO. 20VDK1.01
										REV. 1



LIBERTYVILLE, IL 60048

# Mouser Electronics

Authorized Distributor

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[20VDK1](#)