

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:

3 AMP., 120/250 VAC
3 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:

1.76 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 HIPOTEST:

LINES TO GROUND:

2250 VDC FOR 1 MINUTE

LINE TO LINE:

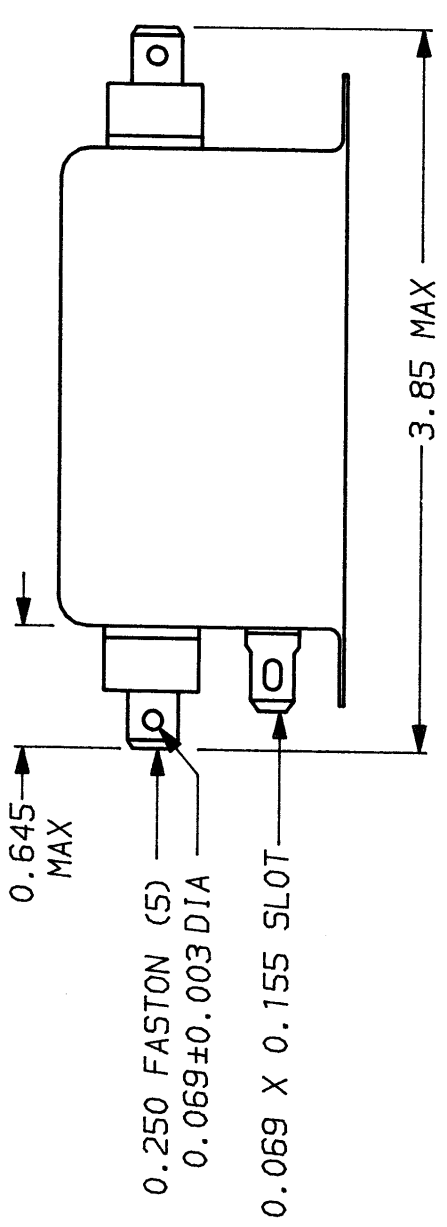
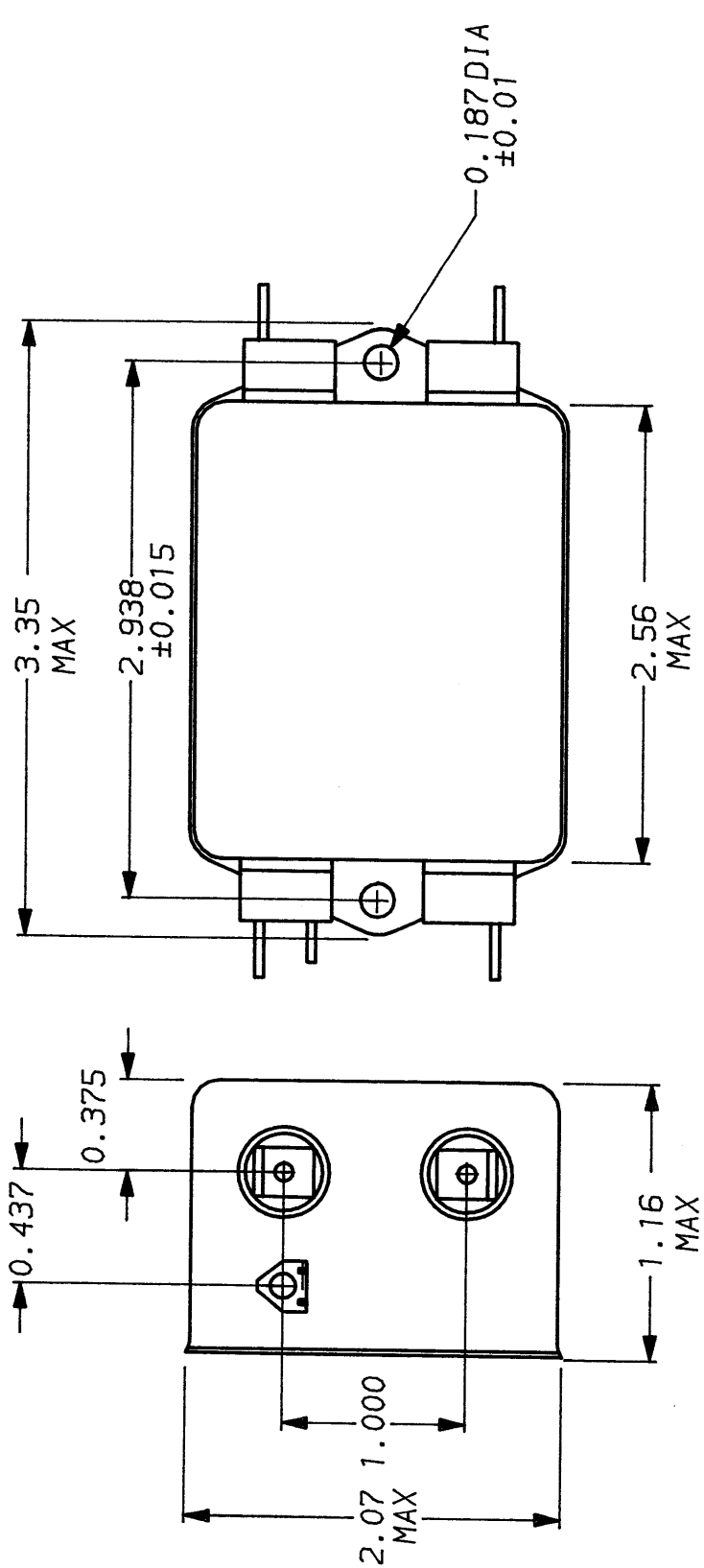
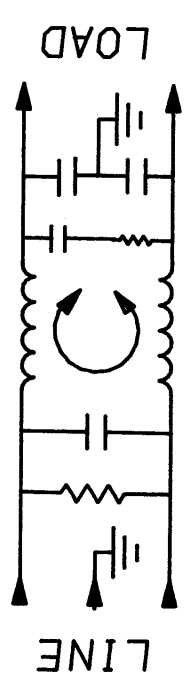
1450 VDC FOR 1 MINUTE

FILTER APPROVAL:

THE BEST WAY TO SELECT AND QUALIFY A FILTER IS FOR YOUR ENGINEERING TO TEST THE UNIT IN YOUR EQUIPMENT.

50a - 50a (MINIMUM) INSERTION LOSS												
FREQUENCY MHz	.15	.5	1	2	5	10	20	30				
COMMON dB	20	35	42	46	51	55	55	50				
DIFF. dB	30	55	65	65	65	62	62	62				

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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 11-5-90		DATE: 11-5-90	
DRW. BY: CFW		ORIGINATOR: CFW	
DRG. NO. 3VDK1.01		REV. 01	



POWER LINE FILTER

Mouser Electronics

Authorized Distributor

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[3VDK1](#)