

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

OPERATING SPECIFICATIONS:

LINE VOLTAGE/CURRENT:

3.0 AMP., 120/250 VAC

50-60Hz

40°C

0.5mA at 120V 60 Hz

.83 mA at 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

21 DAYS @ 40°C 95% RH

6 TIMES RATED CURRENT FOR 8 SECONDS

CURRENT OVERLOAD TEST:

TEST SPECIFICATIONS:

INDUCTANCE:

1.05 mH NOMINAL

CAPACITANCE: (MEASURED @ 1 KHz, 0.25 VAC MAX., 25°C ±1°C)

.011µF ±20%

.543µF ±20%

330 K Ω

6000 M Ω (MIN) AT 100 VDC

20°C AND 50% RH

DISCHARGE RESISTOR:

LINE/GROUND AND LINE/LINE

INSULATION RESISTANCE

(W/O DISCHARGE RESISTOR)

RECOMMENDED RECEIVING INSPECTION HIPOT:

LINES TO GROUND:

2250 VDC FOR 1 MINUTE

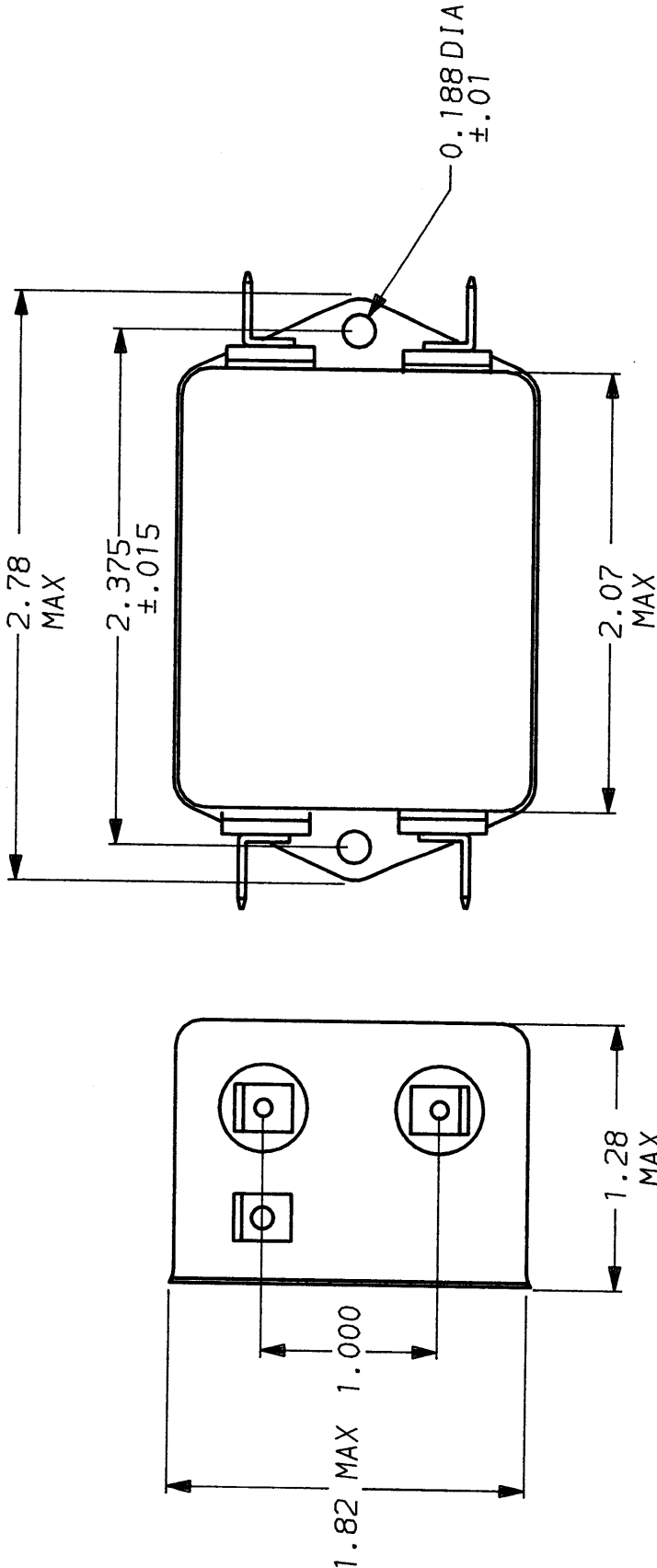
LINE TO LINE:

1450 VDC FOR 1 MINUTE

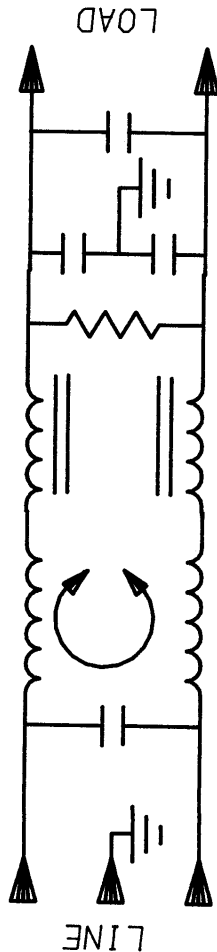
FILTER APPROVAL:

THE BEST WAY TO SELECT AND QUALIFY A FILTER IS FOR YOUR ENGINEERING

TO TEST THE UNIT IN YOUR EQUIPMENT.



.250 FASTON .07 X .156 SLOT (5)



50 Ω - 50 Ω (MINIMUM) INSERTION LOSS												
FREQUENCY MHz	.15	.5	1	2	5	10	20	30				
COMMON dB	13	28	37	45	54	52	47	55				
DIFF. dB	40	65	65	65	55	50	45	50				

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POWER LINE FILTER

SCALE		DATE	DRG. NO.	REV.
NTS	7-31-90	ORIGINATOR	351A.03	
DRW. BY	CFW	CFW		

Mouser Electronics

Authorized Distributor

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[3S1A](#) [6609039-1](#)