

C. Westby 5-26-92
 APPROVED BY/DATE
 1
 REV

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:
 6 AMP., 120/250 VAC
 6 AMP./40°C, 250 VAC
 50-60Hz

LINE FREQUENCY:
 .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:
 .516 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 INSULATION RESISTANCE
 6000 MΩ (MIN) AT 100 VDC
 20°C AND 50% RH

RECOMMENDED RECEIVING INSPECTION HIPOT:

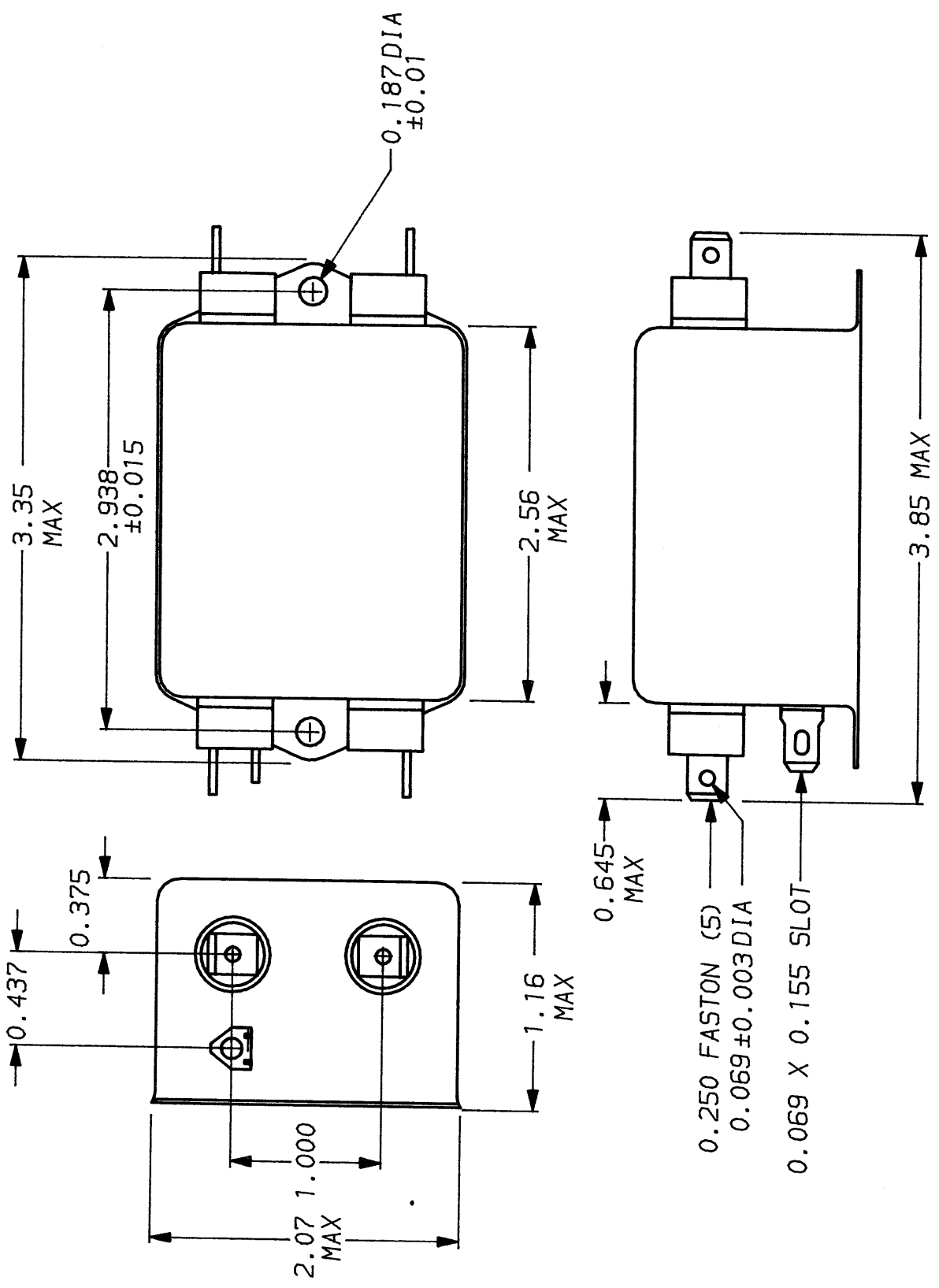
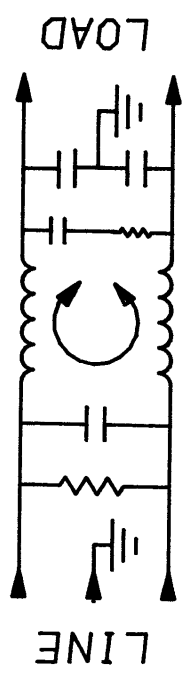
LINES TO GROUND: 2250 VDC FOR 1 MINUTE
LINE TO LINE: 1450 VDC FOR 1 MINUTE

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	22	31	38	45	50	52	52	
DIFF. dB	20	49	60	60	65	61	61	61	

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CORCOM
 LIBERTYVILLE, IL 60048

POWER LINE FILTER

SCALE: NTS 11-5-90
 DATE: 11-5-90
 DRG. NO.: 6VDK1.01
 REV.: 1

CFW
 ORIGINATOR
 CFW

Mouser Electronics

Authorized Distributor

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[TE Connectivity:](#)

[6VDK1](#)