

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
SEV APPROVED

UL 1283
CSA 22.2, NO.0,0.4,8
VDE 565-3
SEV 1055/TP1977/5.1.1

OPERATING SPECIFICATIONS:

LINE VOLTAGE/CURRENT:

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

LINE FREQUENCY:
MAX. CASE RISE @ RATED CURRENT:
MAX. LEAKAGE CURRENT, EACH

LINE TO GROUND
OPERATING AMBIENT TEMP. RANGE:
-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:
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

7.06 mH NOMINAL
0.006µF ±20%
0.006µF ±20%
330 KΩ
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.

TOLERANCE EXCEPT AS NOTED

DECIMAL: .XXX .XX .X ANGLES
ENGLISH: ±.025
METRIC: ±

MATERIAL:

AS SUPPLIED

FINISH:

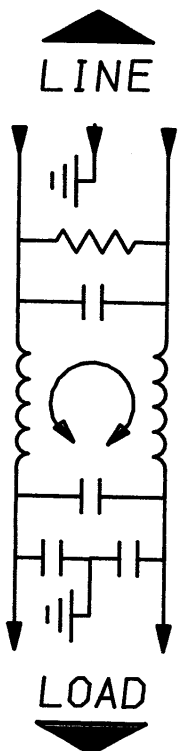
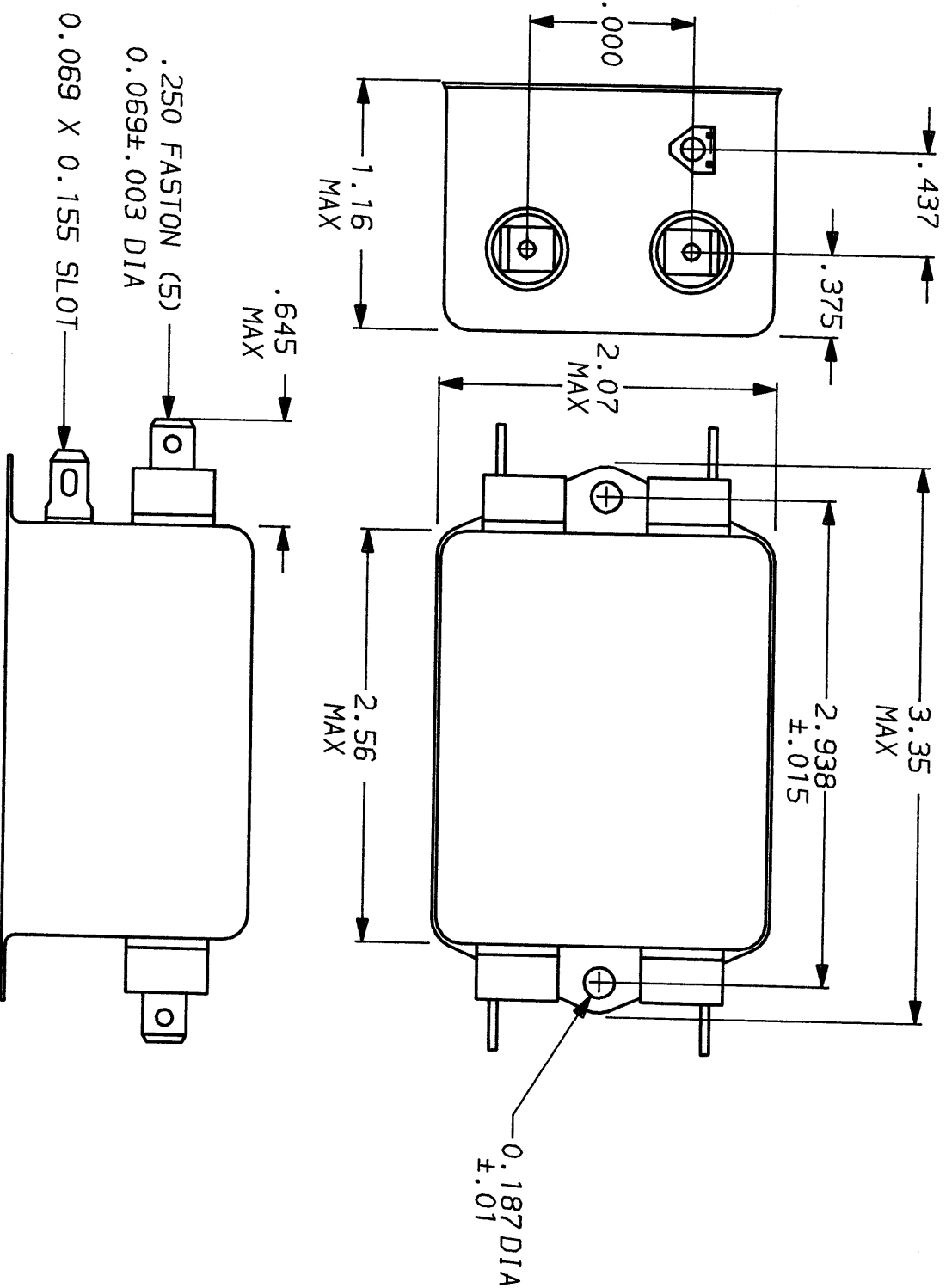
AS SUPPLIED



corcom
LIBERTYVILLE, IL 60048

POWER LINE FILTER

SCALE: NTS 9-12-89 DRG. NO. 3ESK1 06
DWN. BY TDL ORIGINATOR CM



50Ω - 50Ω (MINIMUM) INSERTION LOSS												
FREQUENCY MHZ	.01	.02	.05	.08	.1	.15	.5	1	5	10	20	30
COMMON dB	7	13	21	26	28	33	50	40	38	38	38	38
DIFF. dB	1	1	2	3	10	25	59	65	65	60	55	55

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