

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:
6 AMP., 120/250 VAC
5 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:

$$I_o = I_r \sqrt{\frac{85 - T_d}{45}}$$

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:
7.8 mH NOMINAL
CAPACITANCE: (MEASURED @ 1 KHz, 0.25 VAC MAX., 25°C ±1°C)
LINE TO GROUND:
0.006µF ±20%
0.005µF ±20%
LINE TO LINE:
0.006µF ±20%
DISCHARGE RESISTOR
330 KΩ
LINE/GROUND AND LINE/LINE
6000 MΩ (MIN) AT 100 VDC
INSULATION RESISTANCE
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 ±1°
METRIC, ±

AS SUPPLIED

FINISH:
AS SUPPLIED



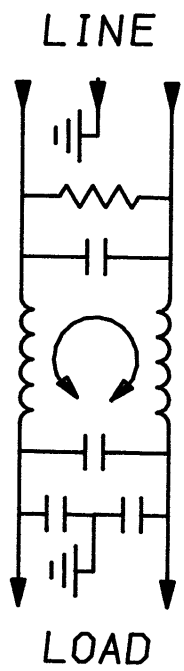
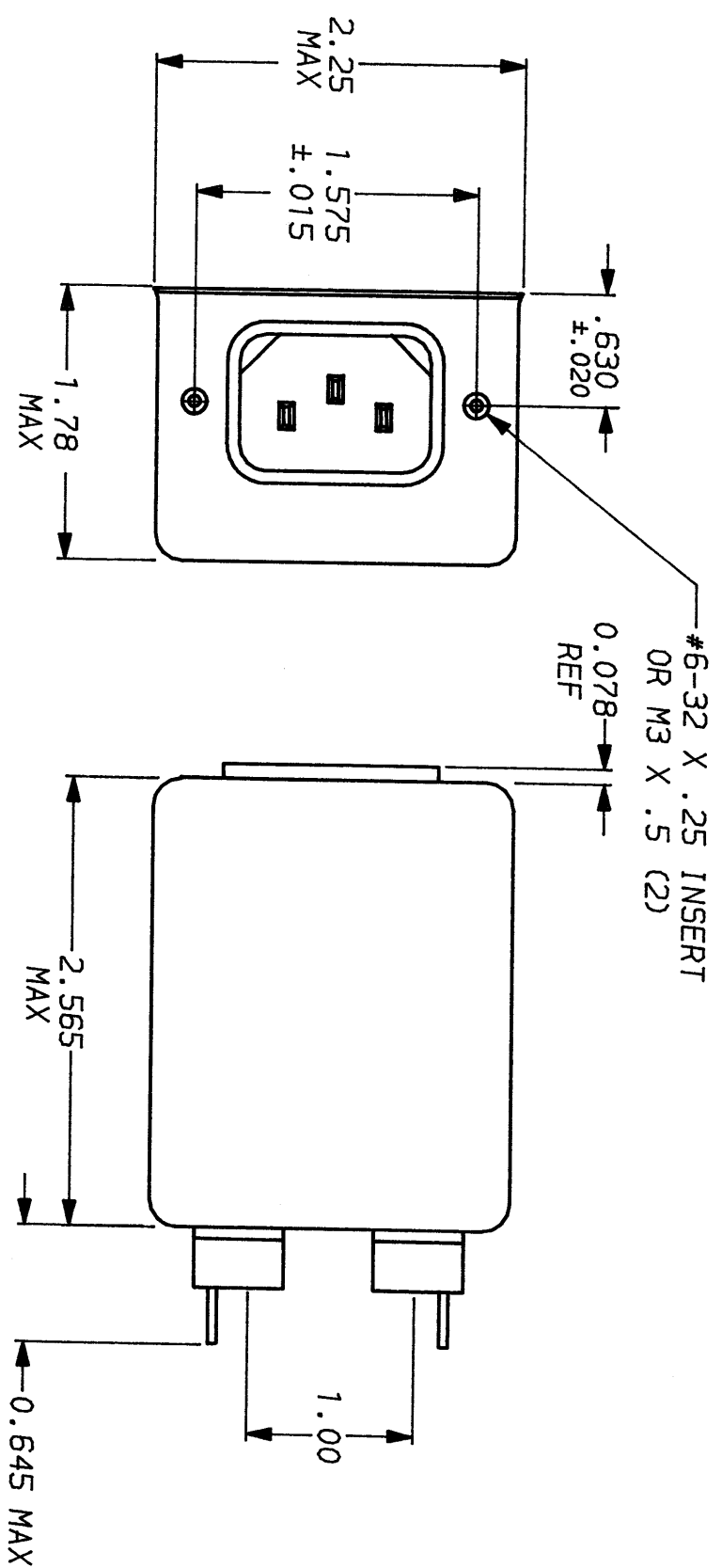
LIBERTYVILLE, IL 60048

POWER LINE FILTER

SCALE	DATE	DRG. NO.	REV.
NTS	9-12-89	6ESK7 & 6ESK7M	6
DRW. BY	ORIGINATOR		
TDL	CW		

50Ω - 50Ω (MINIMUM) INSERTION LOSS												
FREQUENCY MHz	.01	.02	.05	.08	.1	.15	.5	1	5	10	20	30
COMMON dB	7	13	21	29	30	33	42	42	42	42	36	27
DIFF. dB	1	1	2	3	10	25	59	65	62	40	40	40

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PANEL CUTOUT
TOLERANCE ±.005