

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
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:
-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:
.006µF ±20%
- LINE TO LINE:
.54µF ±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

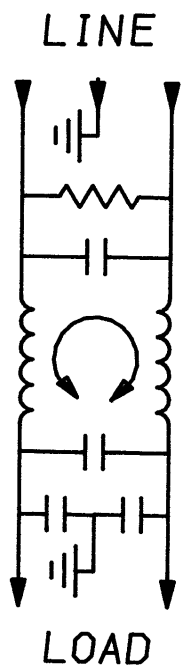
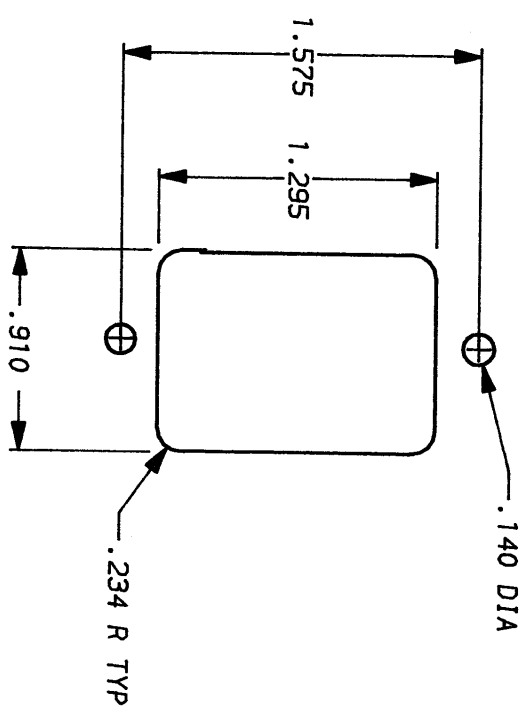
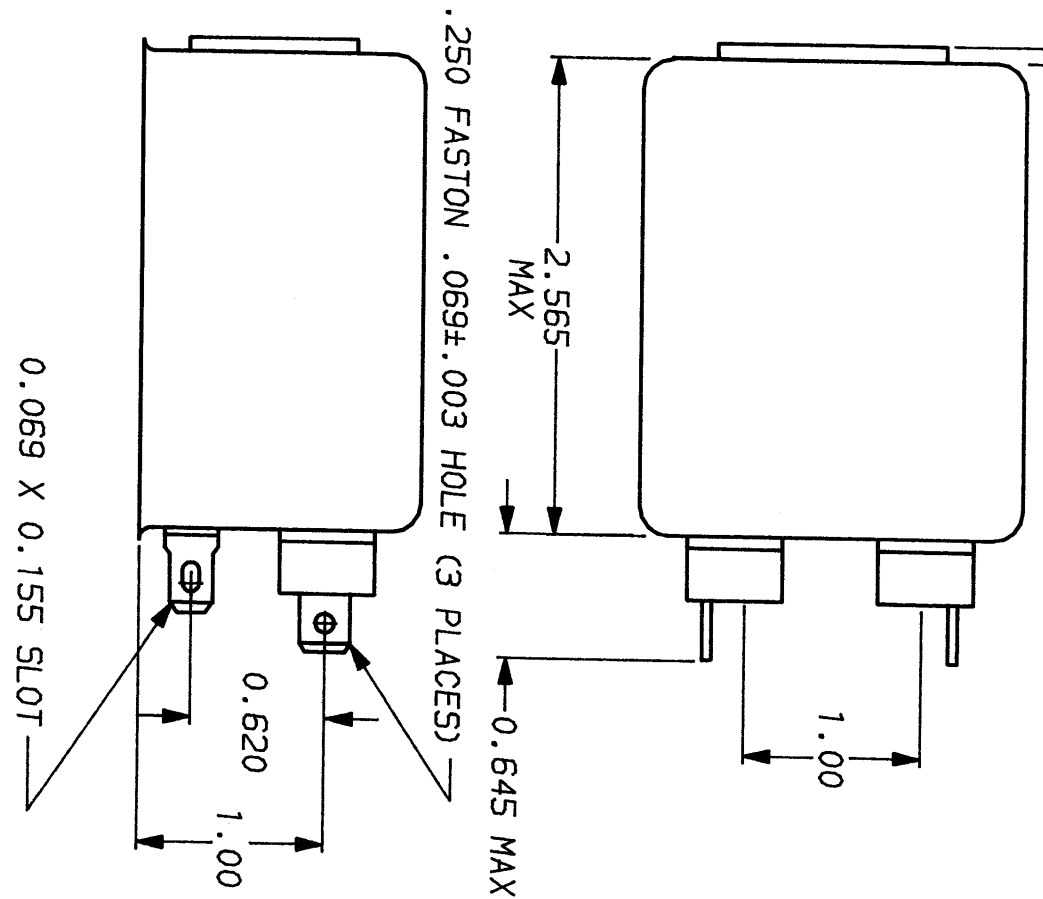
DECIMAL: .XXX .XX .X ANGLES
ENGLISH: ±.025 ±1°
METRIC: ±



POWER LINE FILTER

FINISH:
AS SUPPLIED

SCALE	DATE	DRG. NO.	REV.
NTS	9-12-89	GESK7 & GESK7M	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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