

6EHT7 - 6EHT7M

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 544
CSA CERTIFIED	CSA 22.2, NO.0,0.4,8
VDE APPROVED	VDE 565-3
SEV PENDING	

OPERATING SPECIFICATIONS:

LINE VOLTAGE/CURRENT: 5 AMP, 120/250 VAC
5 AMP./40°C, 250 VAC

LINE FREQUENCY, 50-60Hz

MAX. LEAKAGE CURRENT, EACH: 2 μA at 120V 60Hz
LINE TO GROUND: 5 μA at 250V 50Hz

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

LINE TO LINE: .94 μF ±20%
DISCHARGE RESISTOR: 330KΩ

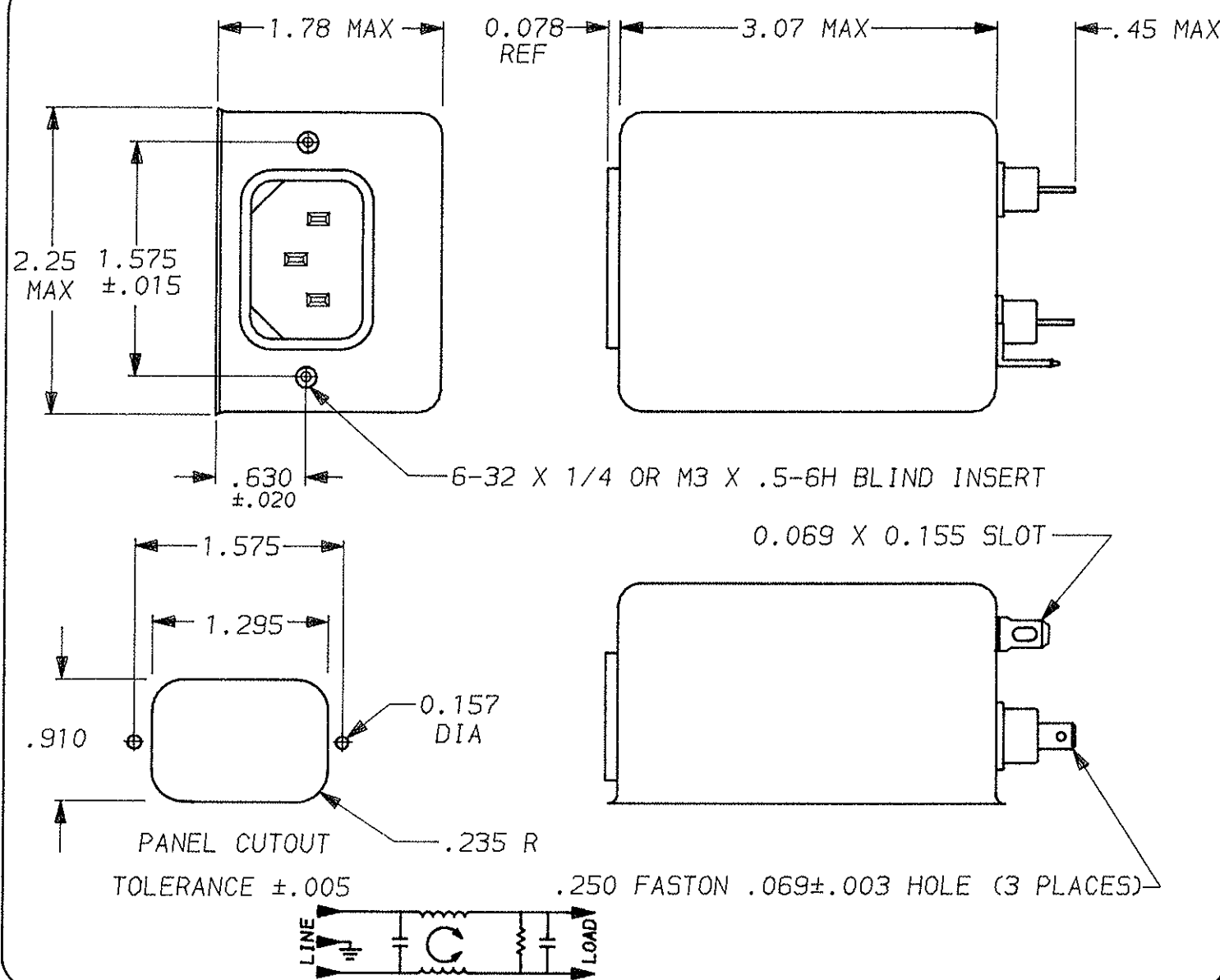
LINE/GROUND AND LINE/LINE, 6000MΩ (MIN) AT 100VDC
INSULATION RESISTANCE: 20°C AND 50% RH

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.




50n - 50n (MINIMUM) INSERTION LOSS

FREQUENCY MHz	.01	.03	.05	.15	.5	1	2	5	8	10	20	30
COMMON dB	16	26	38	46	46	33	25	15	11	9	5	2
DIFF. dB	4	2	14	51	70	70	65	55	50	47	37	37

UNLESS OTHERWISE SPECIFIED, TOLERANCE TO BE ±.025

MATERIAL & FINISH: AS SUPPLIED

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LIBERTYVILLE, IL 60048

POWER LINE FILTER

DATE: 10-4-93 CATALOG NO. 6EHT7 - 6EHT7M

APPRVD: *JAM*

CAD NO. 6EHT7.02

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