

SAFETY ORGANIZATIONS

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 1283
 CSA CERTIFIED: CSA 22.2, # 8
 VDE APPROVED: VDE 565-3

OPERATING SPECIFICATIONS

LINE CURRENT/VOLTAGE: 6 AMP, 120/250 VAC,
 6 AMP/40°C, 250 VAC

LINE FREQUENCY: 50-60Hz

MAXIMUM LEAKAGE CURRENT,

EACH LINE TO GROUND: 0.22 mA @ 120V 60Hz
 0.38 mA @ 250V 50Hz

OPERATING AMBIENT TEMP. RANGE: -10°C TO +40°C @ RATED CURRENT, I_r .

IN AN AMBIENT, T_0 , HIGHER THAN 40°C, THE MAXIMUM OPERATING CURRENT, I_0 , IS AS FOLLOWS:

$$I_0 = I_r \sqrt{\frac{85 - T_0}{45}}$$

RELIABILITY SPECIFICATIONS:

STORAGE TEMPERATURE: -40°C TO +85°C
 HUMIDITY: 21 DAYS @ 40°C 95% RH,
 CURRENT OVERLOAD TEST: 6 TIMES I_r FOR
 8 SECONDS

TEST SPECIFICATIONS:

INDUCTANCE: 0.465 mH NOMINAL
 CAPACITANCE: (MEASURED @ 1KHz, 0.250VAC MAX., 25°C±1°C)
 LINE TO GROUND: 0.0053 μ F ±20%
 LINE TO LINE: 0.0105 μ F ±20%
 DISCHARGE RESISTOR: 1.5 M Ω
 L/G AND L/L I.R.
 NO DISCHARGE RESISTOR: 6000M Ω (MIN.) @ 100VDC,
 20°C AND 50% RH

RECOMMENDED RECEIVING INSPECTION HIPOT:

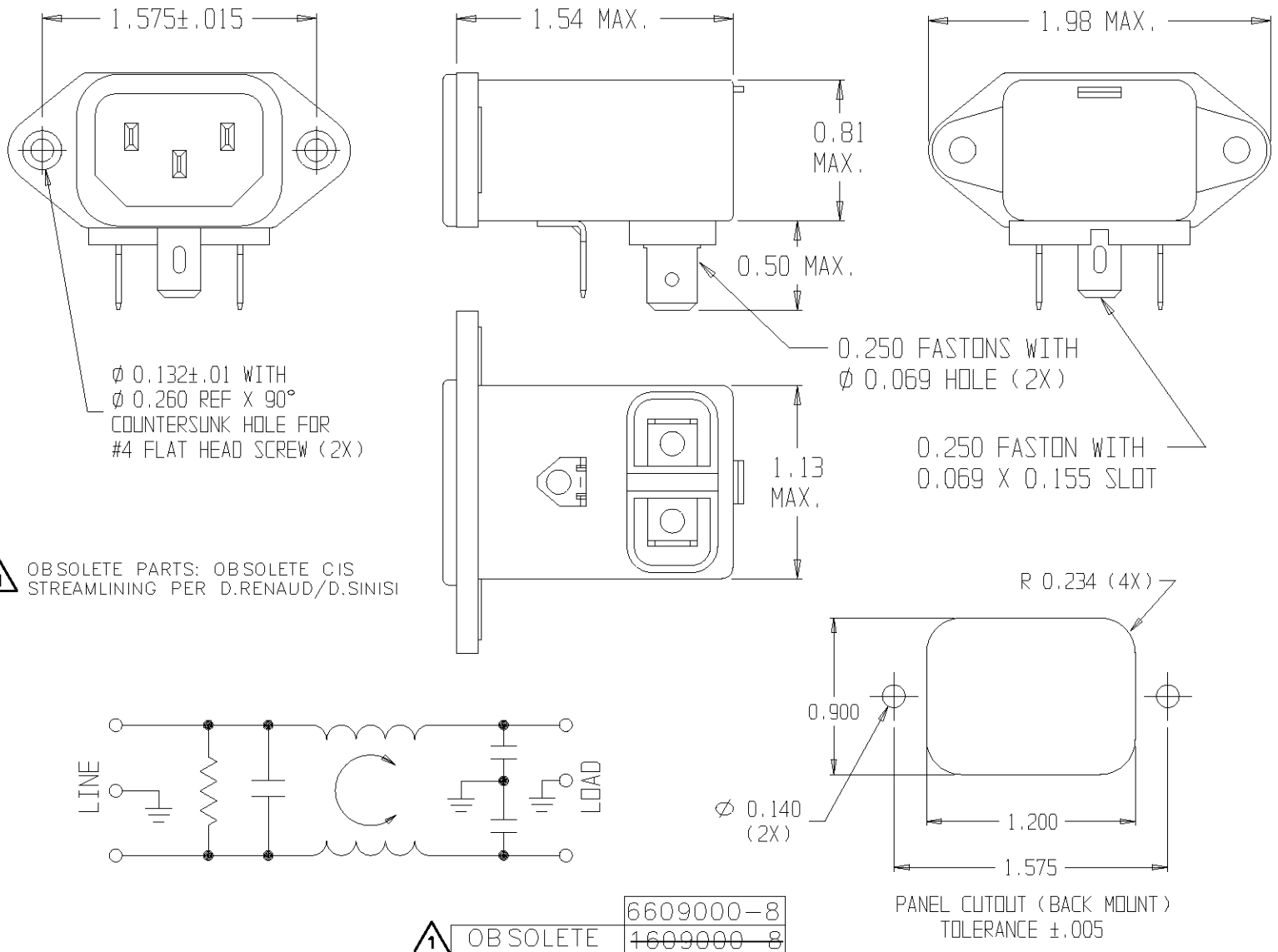
LINE TO GROUND: 1500VAC OR 2250VDC FOR 1 MINUTE
 LINE TO LINE: 1450VDC FOR 1 MINUTE

FILTER APPROVAL:

THE BEST WAY TO SELECT AND QUALIFY A FILTER IS FOR YOUR ENGINEERING TO TEST THE UNIT IN YOUR EQUIPMENT.

CATALOG # 6EEA2

ECN #	APPROV DATE
ECO-09-026495	AEG 11DEC09



50 Ω - 50 Ω (MINIMUM) INSERTION LOSS	
FREQUENCY MHz	.05 .10 .15 .50 1 1.5 3 5 10 30
COMMON dB	1 4 10 22 28 - - 42 48 47
DIFF. dB	2 4 6 6 24 40 40

THIRD ANGLE PROJECTION

UNLESS OTHERWISE SPECIFIED, TOLERANCE TO BE ±.025 MATERIAL & FINISH: AS SUPPLIED

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 844 E. ROCKLAND RD. LIBERTYVILLE IL 60048

POWER LINE FILTER

CAD FILE: C:\CK\CD\6EEA200
 SCALE: NTS DATE: 9/18/96 CATALOG NO. REV.
 DRW. BY: JF ORIG: KAW **6EEA2** **A 1**