

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: EN60939-2

OPERATING SPECIFICATIONS

LINE CURRENT/VOLTAGE: 15 AMP 120/250VAC
10 AMP/40°C, 120/250VAC

LINE FREQUENCY: 50-60Hz

MAXIMUM LEAKAGE CURRENT,
EACH LINE TO GROUND: 2 μ A @ 120V, 60Hz
5 μ A @ 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:

$$I_0 = I_r \sqrt{\frac{100 - T_0}{60}}$$

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: 0.27mH NOMINAL
CAPACITANCE: (MEASURED @ 1KHz, 0.250VAC MAX., 25°C $\pm$ 1°C)
LINE TO GROUND: NONE
LINE TO LINE: 0.047 μ F $\pm$ 20%
DISCHARGE RESISTOR: 1.5M Ω
L/G AND L/L I.R.
NO DISCHARGE RESISTOR: 6000M Ω (MIN.) @ 100VDC, 20°C AND 50% RH

RECOMMENDED RECEIVING INSPECTION HIPOT:

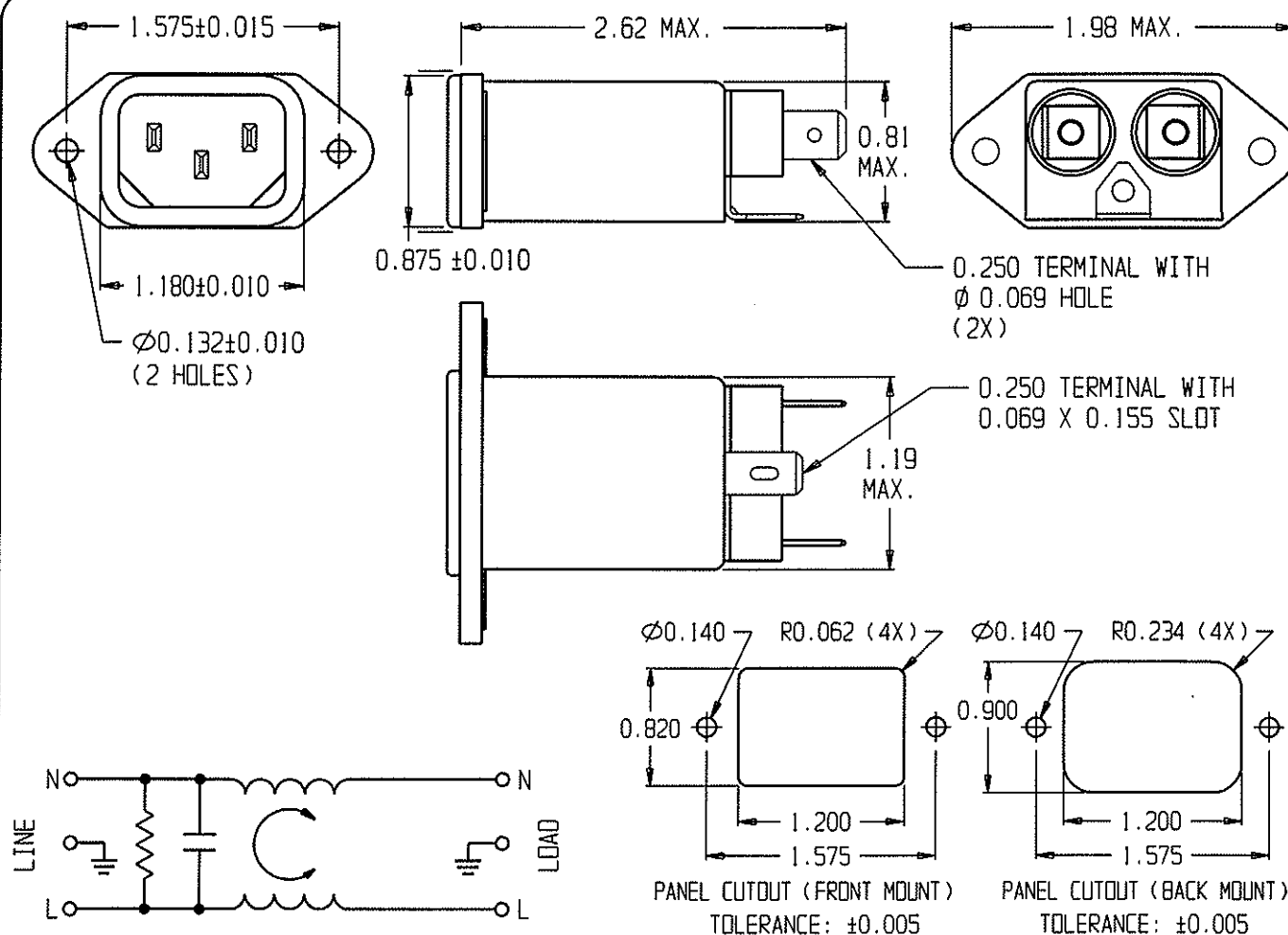
LINE TO GROUND: 1500VAC OR 2250VDC FOR 1 MINUTE
LINE TO LINE: 1450VDC FOR 1 MINUTE

FILTER APPROVAL:

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

CATALOG # 15EH4

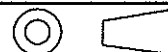
ECO #	APPRVD.	DATE
	PJO	01DEC08



50 Ω - 50 Ω (MINIMUM) INSERTION LOSS

FREQUENCY MHz	0.15	0.5	1.0	5.0	10	20	30				
COMMON dB	5	9	11	12	11	9	9				
DIFF. dB		9	14	30	30	25	20				

THIRD ANGLE
PROJECTION



UNLESS OTHERWISE SPECIFIED,
TOLERANCE TO BE $\pm$ 0.025
MATERIAL & FINISH: AS SUPPLIED

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CUSTOMER DRAWING 15EH4

TYCO ELECTRONICS PART NO.	6609013-7
SCALE: NTS	DATE: 01DEC08
DRW. BY: PJO	DRG: PJO
CATALOG NO.	15EH4
REV.	A