

HR601233E

Electrical Specification @25°C

RoHS Compliant (Pb Free)

Operating Temperature Range: -40°C ~ +125°C

Isolation: 4300VDC 1mA 60S (Primary to Secondary)

OCL: 150uH Minimum, 450uH Maximum @100KHz 100mV

Turns Ratio: 1 : 1 ±2% (Primary : Secondary)

PRI DC Resistance: 0.45 Ohms Maximum

SEC DC Resistance: 0.85 Ohms Maximum

PRI Leakage Inductance: 0.5uH Maximum @100KHz 100mV SEC Shorted

Insertion Loss: -0.25dB Maximum @4MHz

Return Loss: -20dB Minimum @4MHz (Z OUT =100 OHM ±1)

Crosstalk: -50dB Minimum @4MHz

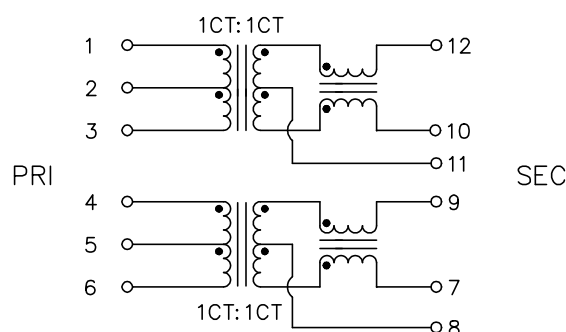
CMRR: -35dB Minimum @1MHz ~ 10MHz / -20dB Minimum @10MHz ~ 1000MHz

Insulation Resistance: 400MΩ Minimum

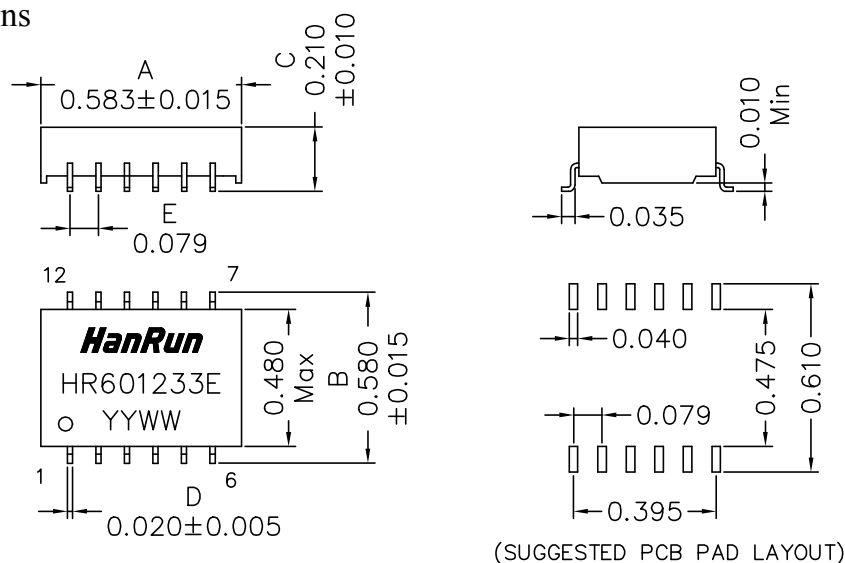
Creepage Distance: 10mm Minimum

Design Construction: Functional insulation

Schematics



Mechanical Dimensions



Dimensions in inches

Unless otherwise specified, Tol.: .xxx ±0.010

REV.: 01

(SUGGESTED PCB PAD LAYOUT)

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