

HR603212E

Electrical Specification @25°C

RoHS Compliant (Pb Free)

Operating Temperature Range: -40°C ~ +85°C

Isolation: 1500Vrms (Primary to Secondary)

PRI OCL: 1.2 mH Minimum @100KHz 50mV

TX Turns Ratio: 1 : 2 ±2% (PRI:SEC)

RCV Turns Ratio: 1 : 1 ±2% (PRI:SEC)

PRI/SEC Cw/w: 35 pF Maximum @100KHz 50mV

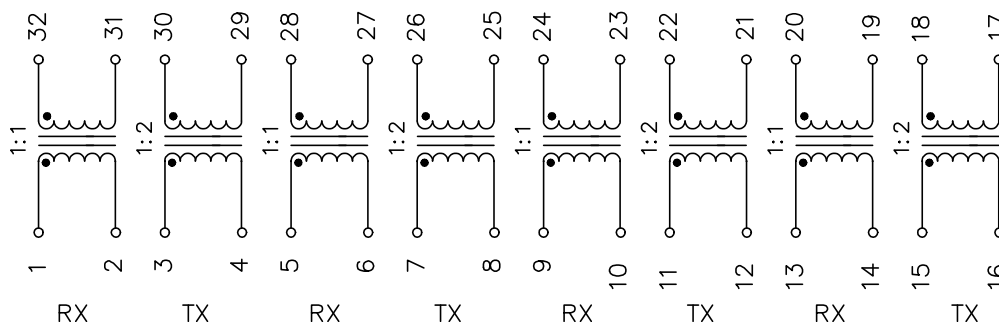
PRI Leakage Inductance: 0.8 uH Maximum @100KHz 50mV SEC Shorted

PRI DC Resistance: 0.8 ohms Maximum

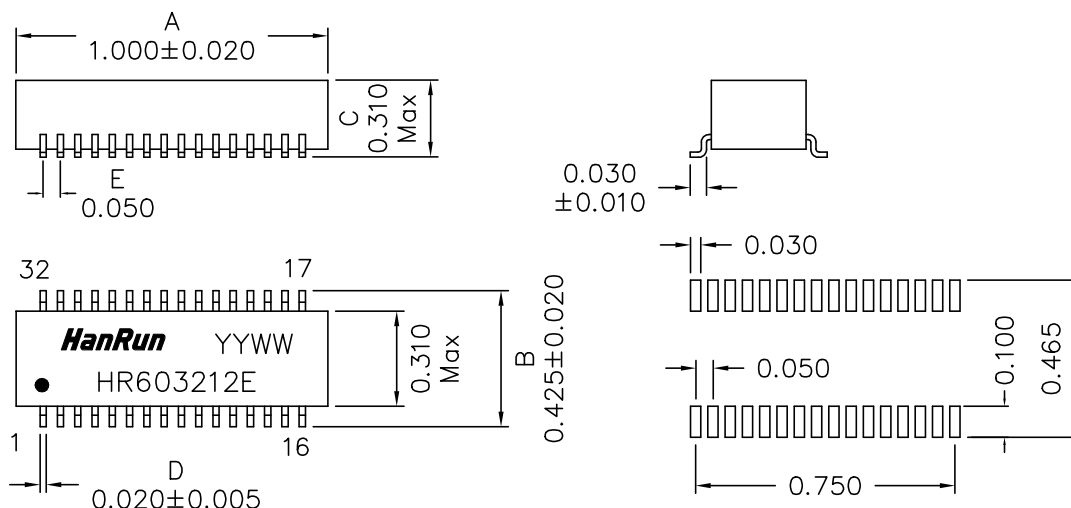
RX SEC DC Resistance: 0.8 ohms Maximum

TX SEC DC Resistance: 1.6 ohms Maximum

Schematics



Mechanical Dimensions



(SUGGESTED PAD LAYOUT)
Unless otherwise specified,
Tol.: .xxx ± 0.010 (inch)