

HR642591E

Electrical Specification @25°C

RoHS Compliant (PB Free)

Operating Temperature Range: $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$

Isolation: 1500Vrms 0.5mA 60sec (Primary to Secondary)

OCL: 120uH Minimum @100kHz 100mV 8mADC

Insertion Loss: -3.0dB Maximum @100KHz $\sim 1\text{MHz}$ / -1.25dB Maximum @1MHz $\sim 250\text{MHz}$
 -3.0dB Maximum @250MHz $\sim 500\text{MHz}$

Return Loss (load D+ to D-): -20dB Minimum 1MHz $\sim 40\text{MHz}$

-16dB Minimum 40MHz $\sim 100\text{MHz}$ / -12dB Minimum 100MHz $\sim 250\text{MHz}$

-8dB Minimum 250MHz $\sim 500\text{MHz}$

DCMR: -35dB Minimum 1MHz $\sim 100\text{MHz}$ / -30dB Minimum 100MHz $\sim 250\text{MHz}$

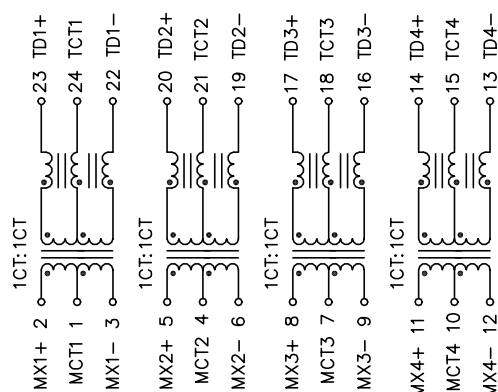
-25dB Minimum 250MHz $\sim 500\text{MHz}$

CMRR: -35dB Minimum 1MHz $\sim 100\text{MHz}$ / -27dB Minimum 100MHz $\sim 250\text{MHz}$

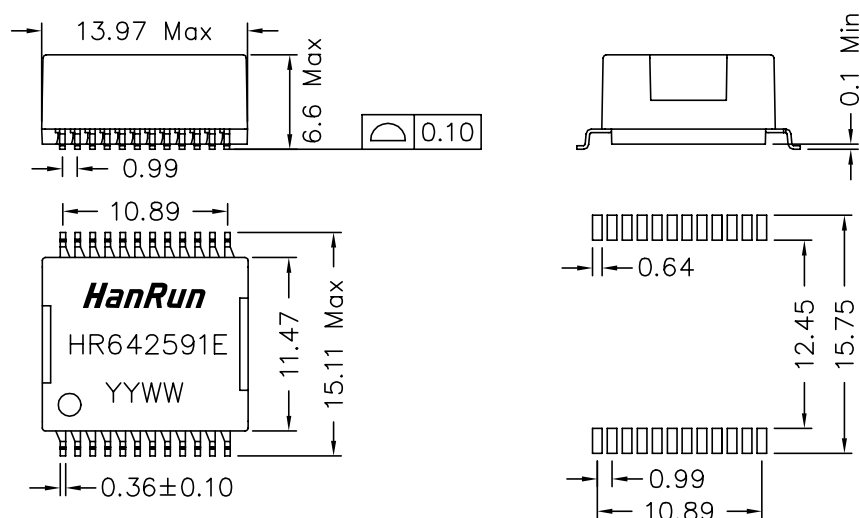
-25dB Minimum 250MHz $\sim 500\text{MHz}$

Crosstalk: -35dB Minimum 1MHz $\sim 100\text{MHz}$ / -25dB Minimum 100MHz $\sim 500\text{MHz}$

Schematics



Mechanical Dimensions



Dimensions in mm

Unless otherwise specified, Tolerance: .xx ± 0.25

REV.: 00

1 of 1