

HR682412E

Electrical Specification @25°C

RoHS Compliant (Pb Free)

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

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

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

Turns Ratio: 1CT:1CT ±3% (PRI : SEC)

OCL: 200uH Minimum @100KHz 100mV 8mADC

Insertion Loss: -1.0dB Maximum @1MHz ~ 100MHz

Return Loss: -18dB Minimum @1MHz ~ 30MHz

-13dB Minimum @30MHz ~ 60MHz

-12dB Minimum @60MHz ~ 80MHz

-10dB Minimum @80MHz ~ 100MHz

Different to Common Mode Rejection: -35dB Minimum @1MHz ~ 30MHz

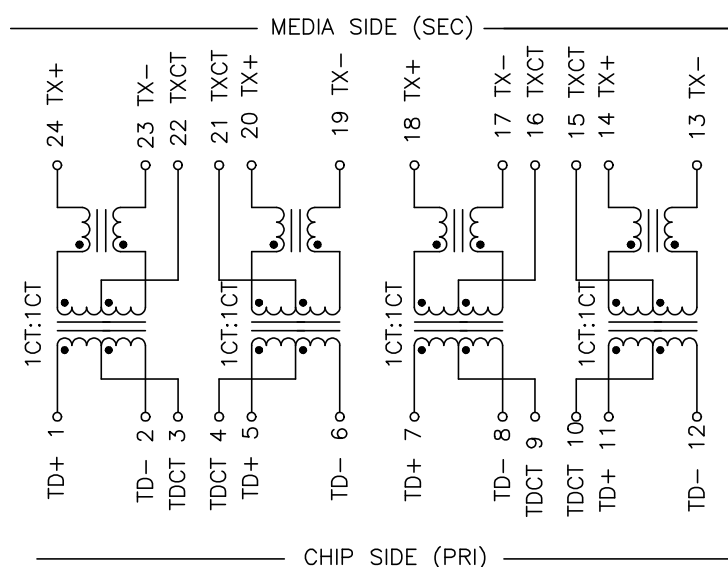
-33dB Minimum @30MHz ~ 60MHz

-30dB Minimum @60MHz ~ 100MHz

Crosstalk: -33dB Minimum @1MHz ~ 60MHz

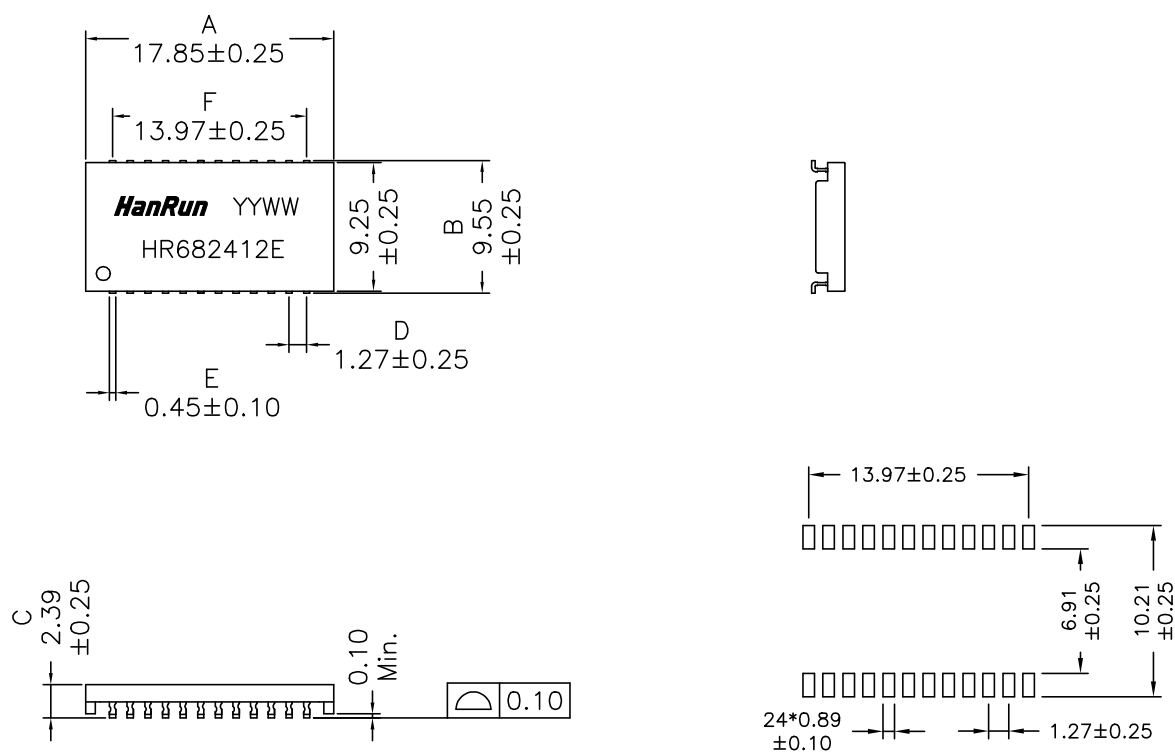
-30dB Minimum @60MHz ~ 100MHz

Schematics



HR682412E

Mechanical Dimensions



(SUGGESTED PCB PAD LAYOUT)

Dimensions in mm

Unless otherwise specified, Tol.: .xx ± 0.25

REV.: 00

2 of 2