

HR641680E

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)

OCL: 350uH Minimum @100KHz 100mV with 8mADC

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

Pri. DC Resistance: 0.85 Ohms Maximum

Sec. DC Resistance: 1.2 Ohms Maximum

Insertion Loss: -1.0dB Maximum @300KHz ~ 100MHz

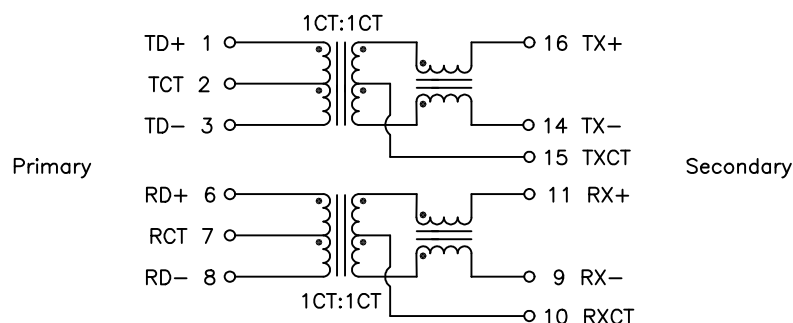
Return Loss: -18dB Minimum @1MHz ~ 30MHz / -14dB Minimum @30MHz ~ 60MHz

-12dB Minimum @60MHz ~ 80MHz / -10dB Minimum @80MHz ~ 100MHz

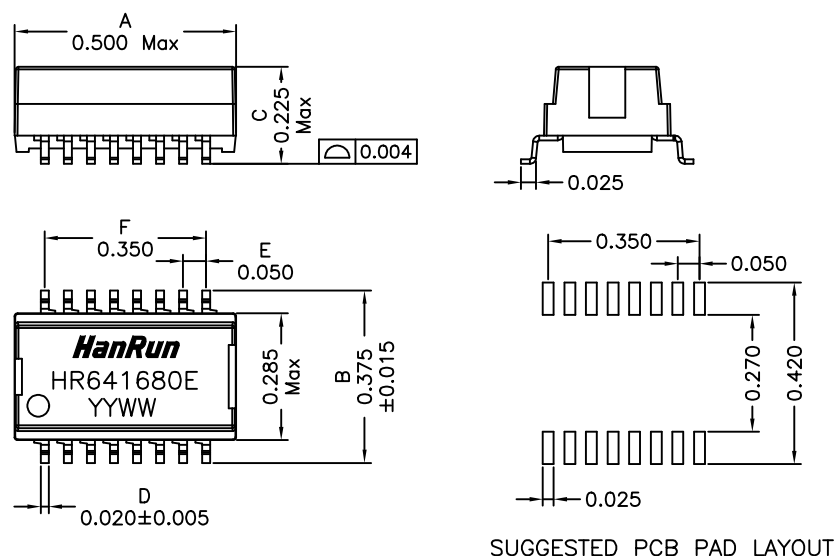
CMR: -30dB Minimum @1MHz ~ 100MHz

Crosstalk: -35dB Minimum @1MHz ~ 30MHz / -30dB Minimum @60MHz ~ 100MHz

Schematics



Mechanical Dimensions



Dimensions in inches

Unless otherwise specified, Tolerance: .xxx ±0.010

REV.: A2

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