

HR641680E

Electrical Specification @25°C

RoHS Compliant (PB Free)

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

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

OCL: 350uH Minimum @100KHz 100mV with 8mADC Turns Ratio: 1 : 1 ±2% (Primary : Secondary)

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

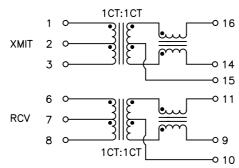
Return Loss: -18dB Minimum @1MHz ~ 30MHz / -14dB Minimum @30MHz ~ 60MHz

-12dB Minimum @60MHz \sim 80MHz -10dB Minimum @80MHz \sim 100MHz

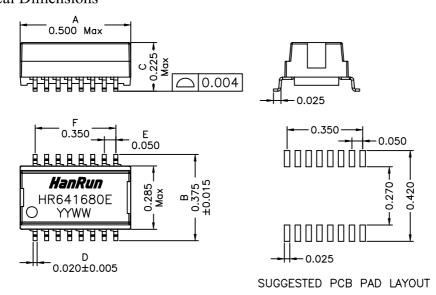
CMR: -30dB Minimum @1MHz ~ 100MHz

Crosstalk: −30dB Minimum @1MHz ~ 100MHz

Schematics



Mechanical Dimensions



Dimensions in inches

Unless otherwise specified, Tolerance: $.xxx \pm 0.010$

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Specifications subject to change without notice. Refer to the approval sheet for lastly edition.