

## HR642553E

### Electrical Specification @25°C

RoHS Compliant (PB Free)

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

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

OCL: 180uH Minimum @100KHz 100mV with 8mADC

Insertion Loss: -1.0dB Maximum 1MHz ~ 125MHz / -1.25dB Maximum 125MHz ~ 250MHz

Return Loss : -18dB Minimum 1MHz ~ 40MHz / -13dB Minimum 40MHz ~ 100MHz

-9dB Minimum 100MHz ~ 200MHz / -8dB Minimum 200MHz ~ 250MHz

Common to Differential Mode Rejection : -30dB Minimum 1MHz ~ 250MHz

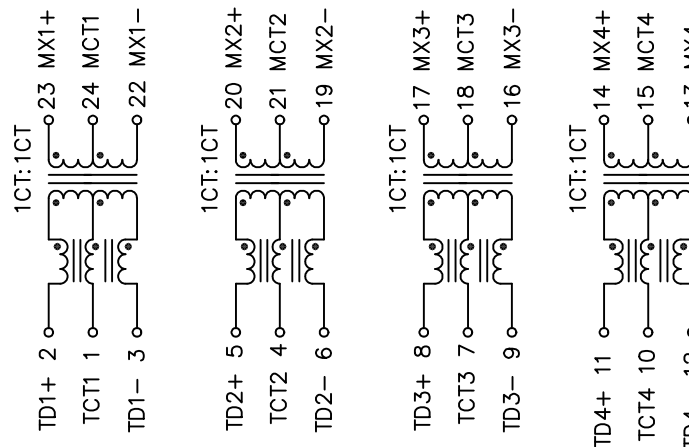
Crosstalk: -35dB Minimum 1MHz ~ 100MHz / -30dB Minimum 100MHz ~ 250MHz

Designed To Support 57VDC, 720mA per centre tap

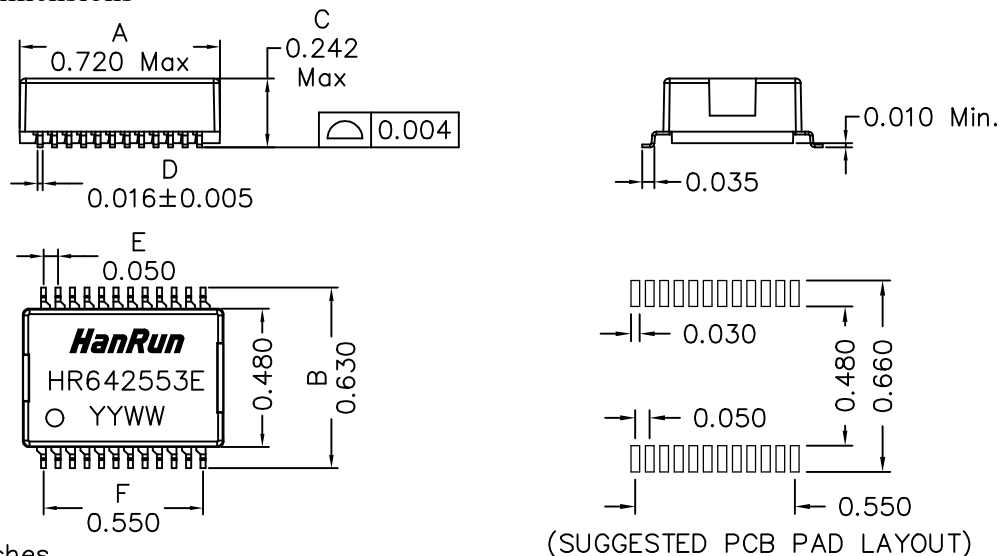
(36W when using 2 centre taps; 72W when using 4 centre taps)

IEEE802.3at compliant

### Schematics



### Mechanical Dimensions



Dimensions in inches

Unless otherwise specified, Tolerance: .xxx ±0.010

REV.: 01

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