

HR644852E

Electrical Specification @25°C

RoHS Compliant (PB Free)

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

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

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

Insertion Loss: -1.2dB Maximum @1MHz ~ 100MHz

Return Loss: -16dB Minimum @1MHz ~ 30MHz / -13dB Minimum @30MHz ~ 60MHz
-10dB Minimum @60MHz ~ 80MHz / -8dB Minimum @80MHz ~ 100MHz

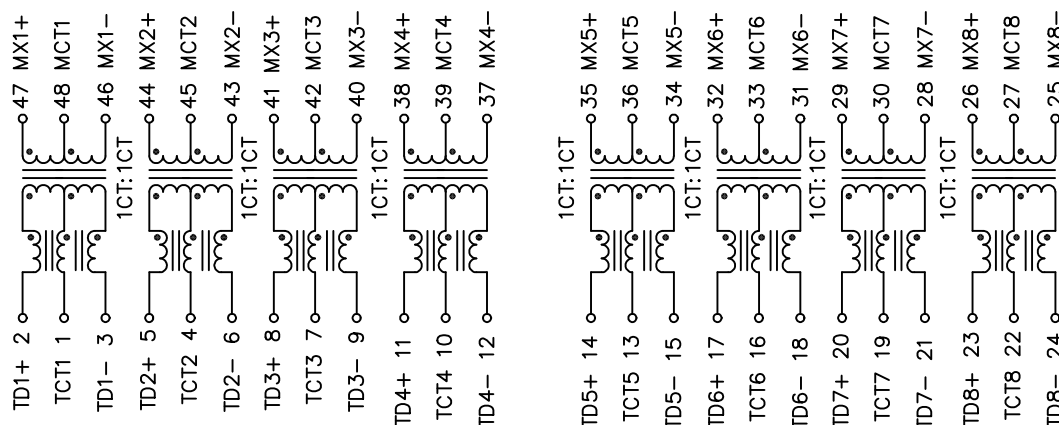
Common Mode Rejection: -30dB Minimum @1MHz ~ 100MHz

Crosstalk: -33dB Minimum @30MHz / -30dB Minimum @60MHz / -26dB Minimum @100MHz

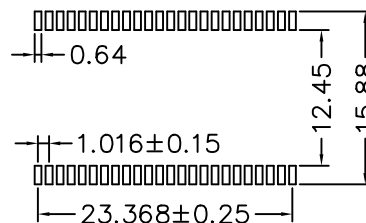
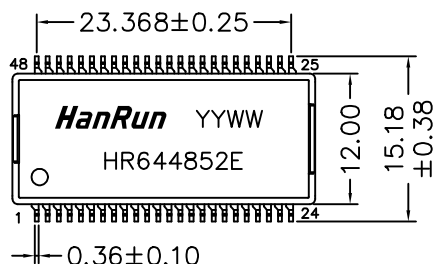
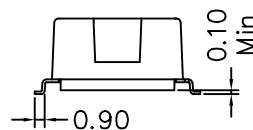
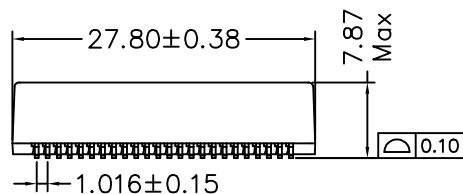
Designed To Support 57VDC, 1000mA per centre tap

(50W when using 2 centre taps; 100W when using 4 centre taps)

Schematics



Mechanical Dimensions



(SUGGESTED PAD LAYOUT)

Dimensions in mm

Unless otherwise specified, Tolerance: .xx ±0.25

REV.: 00

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