

HR642596E

Electrical Specification @25°C

RoHS Compliant (PB Free)

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

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

OCL: 120uH Minimum @100kHz 100mV 8mA DC

Insertion Loss: -3.0dB Maximum @100kHz ~ 1MHz / -1.25dB Maximum @1MHz ~ 250MHz
-3.0dB Maximum @250MHz ~ 500MHz

Return Loss (load D+ to D-): -20dB Minimum 1MHz ~ 40MHz / -16dB Minimum 40MHz ~ 100MHz
-12dB Minimum 100MHz ~ 250MHz / -8dB Minimum 250MHz ~ 500MHz

DCMR: -35dB Minimum 1MHz ~ 100MHz / -30dB Minimum 100MHz ~ 250MHz
-25dB Minimum 250MHz ~ 500MHz

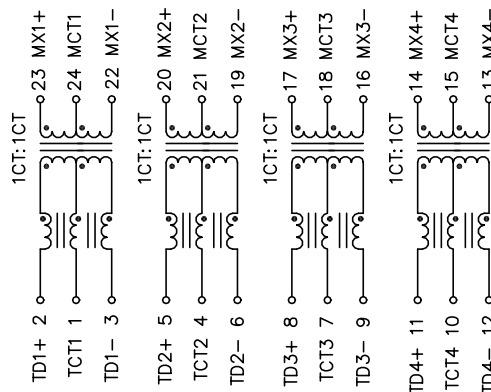
CMRR: -35dB Minimum 1MHz ~ 100MHz / -27dB Minimum 100MHz ~ 250MHz
-25dB Minimum 250MHz ~ 500MHz

Crosstalk: -35dB Minimum 1MHz ~ 100MHz / -25dB Minimum 100MHz ~ 500MHz

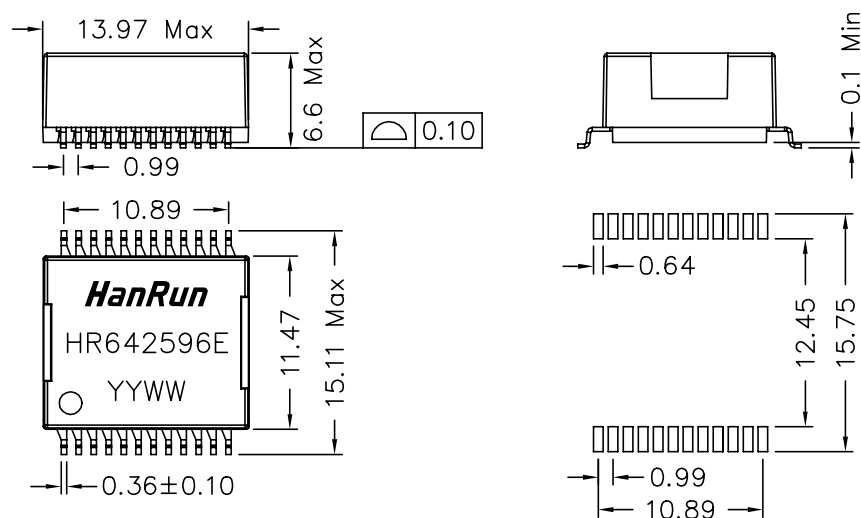
Designed To Support 57VDC, 350mA per centre tap

(17.5W when using 2 centre taps; 35W when using 4 centre taps)

Schematics



Mechanical Dimensions



Dimensions in mm

Unless otherwise specified, Tolerance: .xx ±0.25

REV.: 00

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