

HR682420E

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

DC Resistance 1/2 Winding 0.65 Ohms Max

DC Resistance imbalance for CT symmetry=±10%

Insertion Loss: -1.2dB Maximum @100KHz / -1.0dB Maximum @1MHz ~ 100MHz

-1.4dB Maximum @125MHz

Return Loss: -16dB Minimum @1MHz ~ 40MHz / -14dB Minimum @40MHz ~ 60MHz

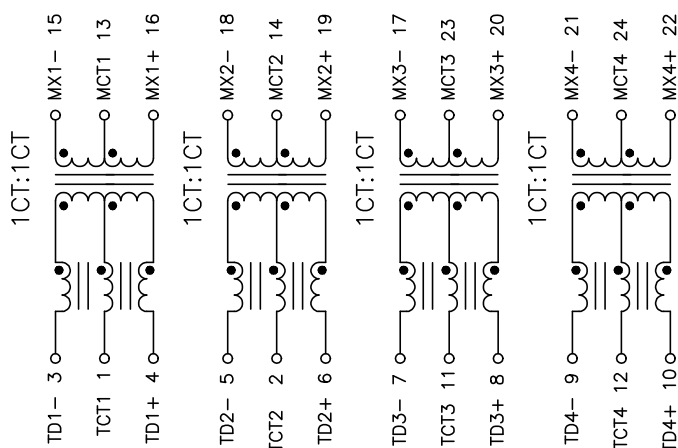
-12dB Minimum @60MHz ~ 80MHz / -10dB Minimum @80MHz ~ 100MHz

Common Mode Rejection: -50dB Minimum @2MHz / -40dB Minimum @30MHz

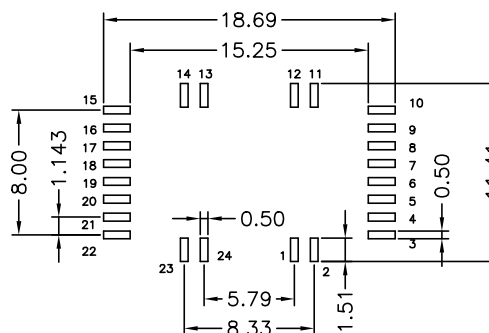
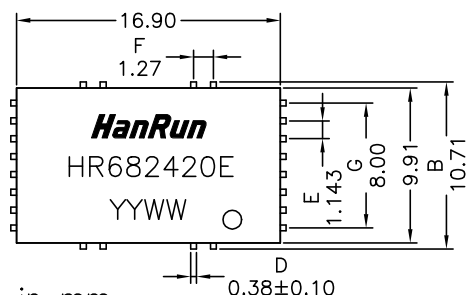
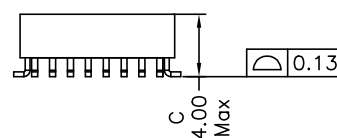
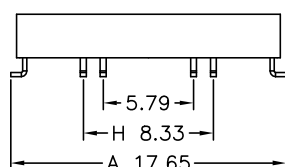
-30dB Minimum @100MHz / -20dB Minimum @150MHz / -15dB Minimum @200MHz

Crosstalk: -50dB Minimum @1MHz / -33dB Minimum @60MHz / -30dB Minimum @100MHz

Schematics



Mechanical Dimensions



Dimensions in mm

Unless otherwise specified, Tolerance: .xx ±0.25

REV.: 00

1 of 1