

10/100Base-T Single Port
Transformer Module

Part Number:

HR61H58L

Electrical Specification @25°C

Isolation: 1500Vrms (Primary to Secondary)

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

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

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

-14dB Minimum @40MHz ~ 50MHz

-12dB Minimum @60MHz ~ 80MHz

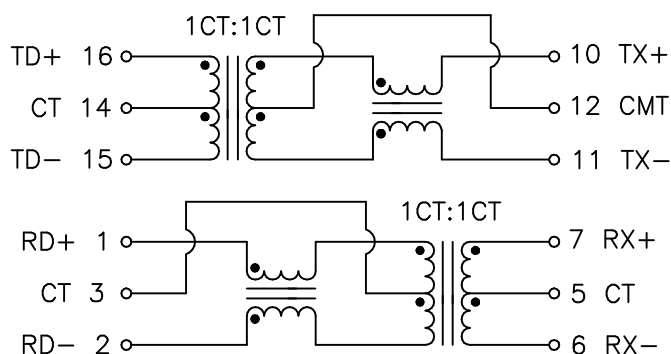
CMRR: -42dB Typ (TX) / -40dB Typ (RX) @100KHz ~ 60MHz

-40dB Typ (TX) / -35dB Typ (RX) @60MHz ~ 100MHz

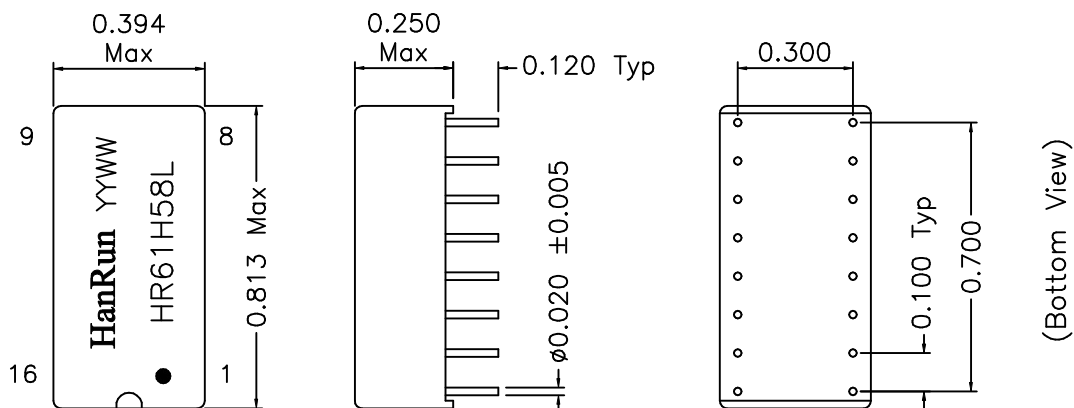
Crosstalk: -40dB Minimum @100KHz ~ 60MHz

-38dB Minimum @60MHz ~ 100MHz

Schematics



Mechanical Dimensions



Part No.: HR61H58L

Unless otherwise specified, Tol.:

Rev: A

DRWN:

Date:

Dimensions in inches

.xxx ±0.010

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APPD:

Date: