

HR682492E

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: -2.0dB Maximum @100KHz ~ 1MHz

-0.5dB Maximum @1MHz ~ 100MHz

-1.0dB Maximum @100MHz ~ 250MHz

-1.5dB Maximum @250MHz ~ 400MHz

-2.0dB Maximum @400MHz ~ 500MHz

Return Loss (load D+ to D-):

-20dB Minimum 1MHz ~ 40MHz

-16dB Minimum 40MHz ~ 100MHz

-12dB Minimum 100MHz ~ 250MHz

-9dB Minimum 250MHz ~ 500MHz

DCMR: -32dB Minimum 1MHz ~ 100MHz

-27dB Minimum 100MHz ~ 250MHz

-22dB Minimum 250MHz ~ 500MHz

CMRR: -30dB Minimum 1MHz ~ 100MHz

-22dB Minimum 100MHz ~ 250MHz

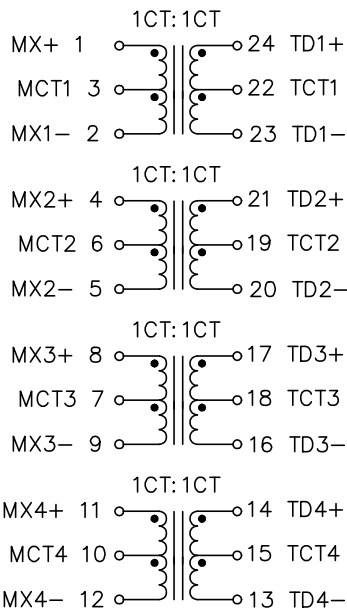
-21dB Minimum 250MHz ~ 500MHz

Crosstalk: -32dB Minimum 1MHz ~ 100MHz

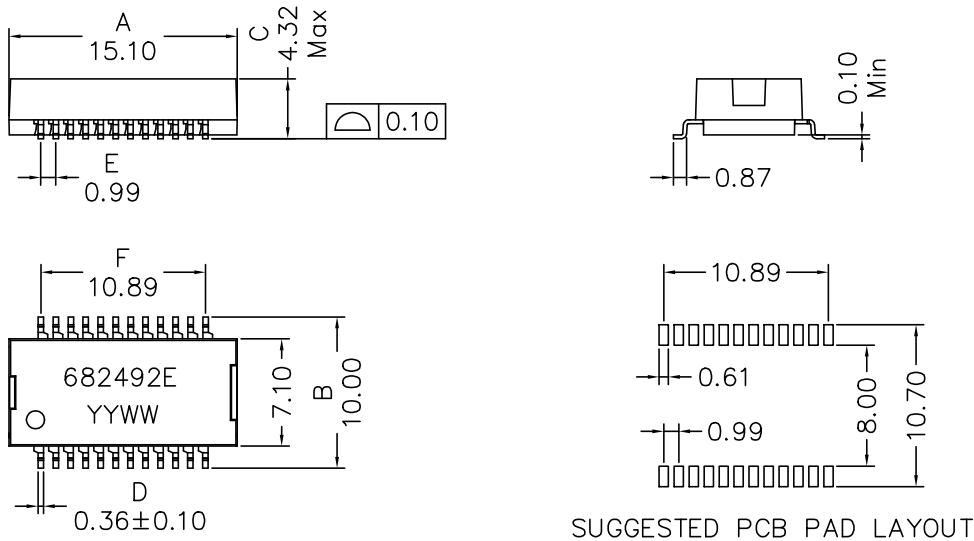
-22dB Minimum 100MHz ~ 500MHz

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Schematics



Mechanical Dimensions



Dimensions in mm

Unless otherwise specified, Tolerance: .xx ±0.25

REV.: 00