

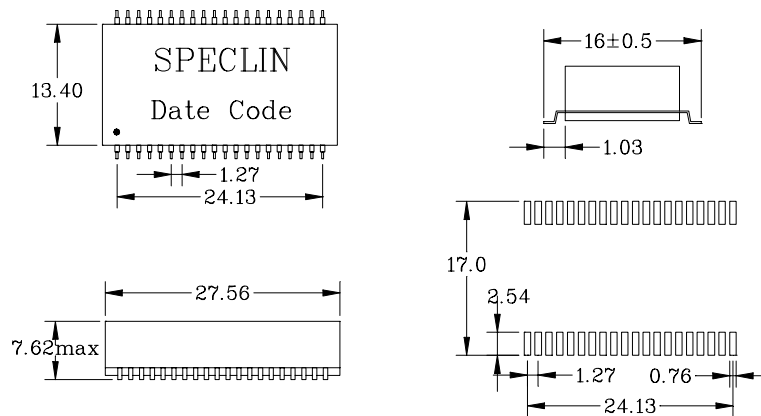


- ◆ Designed to meet IEEE802.4 requirement.
- ◆ Designed to meet IR 235°C peak requirement.
- ◆ 1500 Vrms isolation.

Electrical Characteristic @25°C

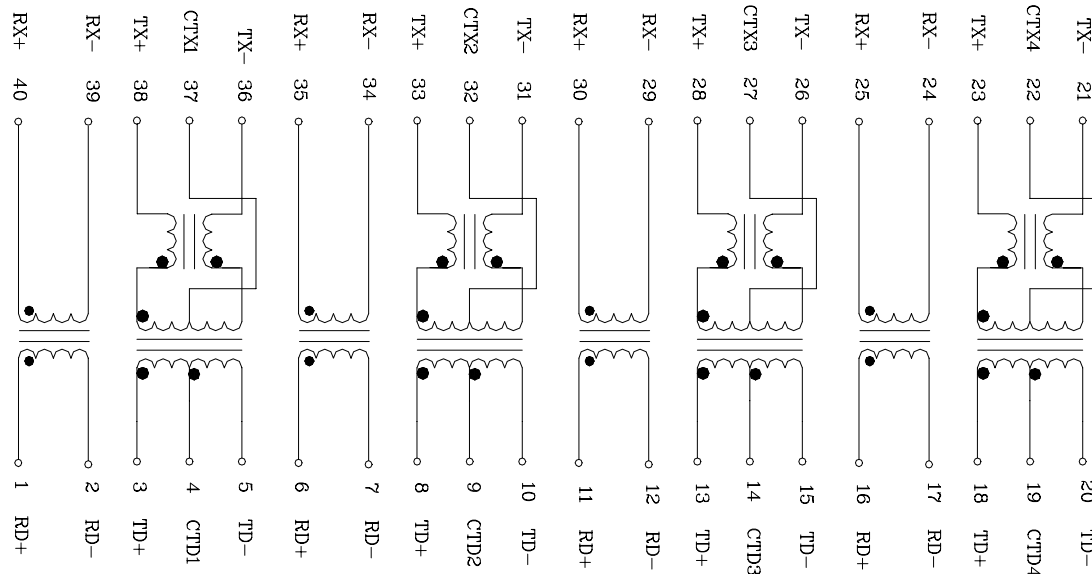
| Model No. | Turn Ratio TX/RX | Insertion Loss (1-10MHz)dB max | Return Loss(dB min.) | | Crosstalk dB min. (5-10MHz) | Schematic |
|-----------|------------------|--------------------------------|----------------------|----------|-----------------------------|-----------|
| | | | X'mit | Receiver | | |
| LT40S101 | 1:1/1:1 | -1.0 | -18.0 | -15.0 | -50.0 | S-1 |
| LT40S102 | 1:1/1:1 | -1.0 | -18.0 | -15.0 | -50.0 | S-1 |
| LT40S103 | 1:1.414/1:1 | -1.0 | -18.0 | -15.0 | -50.0 | S-2 |
| LT40S104 | 1:1.414/1:1 | -1.0 | -18.0 | -15.0 | -50.0 | S-3 |
| LT40S105 | 2:1/1:1 | -1.0 | -18.0 | -15.0 | -50.0 | S-2 |
| LT40S106 | 1:1.414/1:1 | -1.0 | -18.0 | -15.0 | -50.0 | S-4 |

Dimension: ±0.25mm



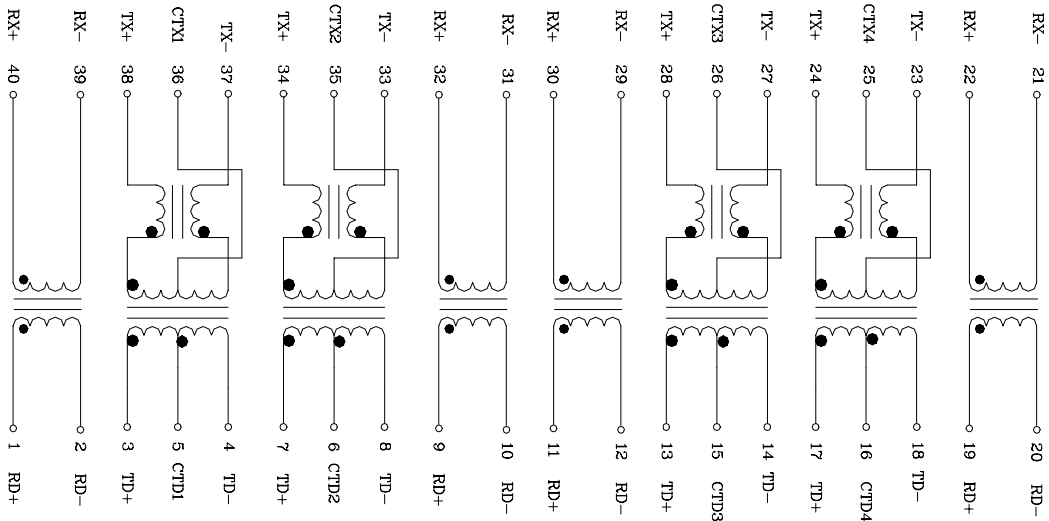
Schematic

S-1

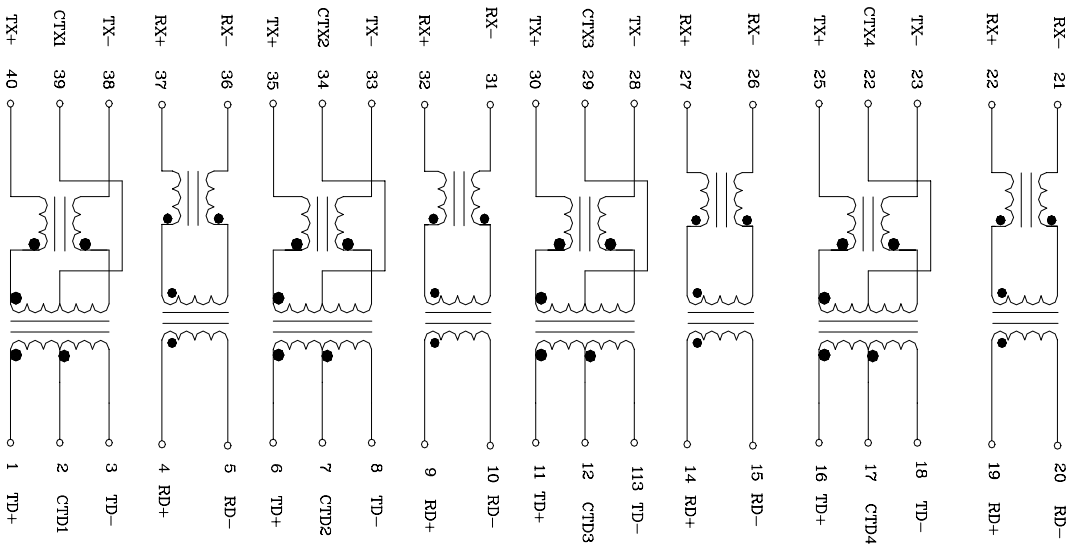


Note: No Common Mode Choke For LT40S102

S-2



S-3



S-4

