P/N: TN8515C DATA SHEET

Feature

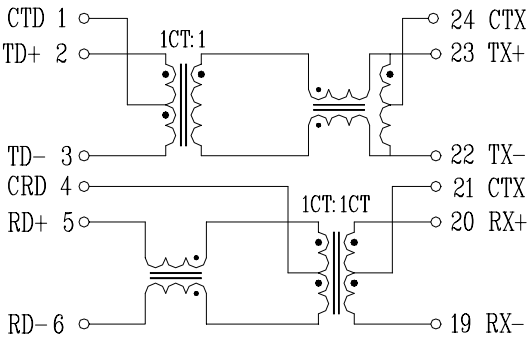


- 24 Pin SMD surface mount package.
- Designed for 10/100 MB/s transmission over UTP-5 cable.
- Operation temperature range: 0°C to +70°C.
- Storage temperature range: -25℃ to +125℃.

Electrical Specifications @ 25°C							
Part Number	Turns Ratio		OCL (uH Min) @ 100KHz/0.1V with 8mA DC Bias	$C_{W/W}$ (pF Max)	L.L (uH Max)	DCR (Ω Max)	HI-POT (Vrms)
	TX	RX					
TN8515C	1CT:1	1CT:1	350	28	0.5	1.7	1500

Continue										
Part Number	Insertion Loss (dB Max)	Return Loss (dB Min)				Cross talk (dB Min)			DCMR (dB Min)	
	0.3-100 MHz	0.3-30MHz	40MHz	50MHz	60-80MHz	0.3-30MHz	60MHz	80-100MHz	0.3-60MHz	60-100MHz
TN8515C	-1.15	-18	-15.5	-13.0	-12	-50	-45	40	-45	-35

Schematic



Mechanical

