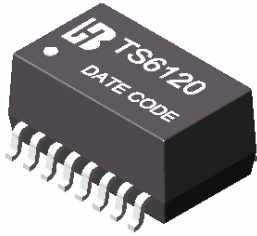


10 /100 BASE-T PULSE TRANSFORMER

P/N:TS6120 DATA SHEET

Feature



- 16-pin SMT package.
- Excellent common mode noise suppression.
- Greater than 350  $\mu$ H (100 KHz) at DC current bias 8 mA.
- Using the high-quality and wide-band ferrite cores for LAN.
- Suitable for use with NS's DP83843, MICRO LINEAR's ML5573, 6674, ICS's ICS1590, TSC's 78Q2120.
- Tape and reel packaging are available.
- Operating temperature range: 0°C to +70°C.
- Storage temperature range: -25°C to +125°C.

Electrical Specifications @ 25°C

Part Number	Turns Ratio( $\pm$ 3%)	PRI OCL( $\mu$ H Min) @100KHz/0.1V with 8mA DC Bias	$C_{ww}$ (pF Max)	DCR ( $\Omega$ Max)
		1-15-16:8-10-9		
TS6120	1CT:1	350	28	0.9

**Continue**

Part Number	Insertion Loss (dB Max)	PRI Pins	CMR(dB Min)	HI-POT (Vrms)
			0.3-100 MHz	
TS6120	-1.0	1-15-16	-40	1500

Schematic

Mechanical

