



TS7022C

### 10 BASE-T SMD ETHERNET TRANSFORMER

#### Feature



- Single-port modules available with and without common mode chokes.
- Conforms to IEEE 802.3 standards.
- Low profile, surface mount packaging rated to 225 peak IR reflow temperature.
- Operating temperature range: 0°C to +70°C.
- Storage temperature range: -40 to +125 .

#### Electrical Specifications @ 25° C

Part Number	Turns Ratio(±5%)		OCL(uH Min) @100KHz/50mV		Primary Pins	HI-POT (Min Vrms)
	RX	TX	RX	TX		
TS7022C	1CT:1CT	2CT:1CT	110	28	(1-3)&(6-8)	1500

#### Continue

Part Number	Insertion Loss (dBMax)	Return Loss (dB Min)	Cross talk(dB Min)	CMRR(dB Min)	
	1-10 MHz	1-10 MHz	1-10 MHz	10-30 MHz	100MHz
TS7022C	-1.0	-18	-40	-40	-30

#### Schematic

#### Mechanical

