100/1000 Base T Gigabit Single Port Transformer

Meisongbei

- Compliant IEEE 802.3af PoE 350MA standard for 1000 BASE-T.
- LL: 0.5uH Max @ 100KHz, 200mV
- DCR: 1.4Ω Max
- Cw/w: 25PF TYP @ 100KHz, 200mV
- RoHS compliant
- Operating Temp: 0°C to +70°C

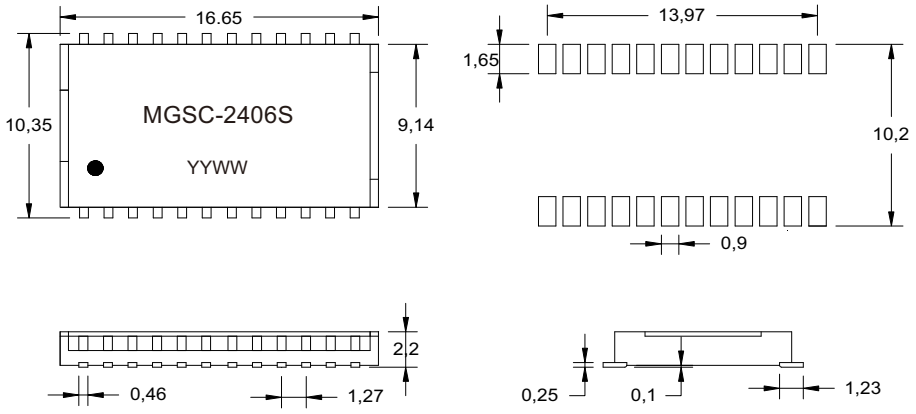
Electrical Specifications @25°C

Part Number	OCL(uH Min) @ 100kHz, 200mV	Turns Ratio chip: cable (±5%)	Insertion Loss (dB Max)	Return Loss (dB Min)		
	With 8mA DC Bias		1-100MHz	30MHz	60MHz	80MHz
MGSC-2406S	350	1CT:1CT	-1.0	-16	-12	-10

Electrical Specifications @25°C

Part Number	Common Mode Rejection (dB Min)	Cross Talk (dB Min)	Isolation HI-POT (Vrms)
	0.1-100MHz	0.1-100MHz	
MGSC-2406S	-30	-30	1500

MECHANICAL



Dimensions: mm
Unless otherwise specified all tolerances are: ±0.25 in mm

SCHEMATICS

