100/1000 BASE-T SINGLE PORT Transformer

Meisongbei

- Compliant with IEEE802.3 standard for 1000 BASE-T
- LL: 0.5uH Max @ 100KHz, 200mV
- DCR: 0.9Ω Max
- Cw/w: 35PF TYP @ 100KHz, 200mV
- Operating Temp: -40°C to +85°C

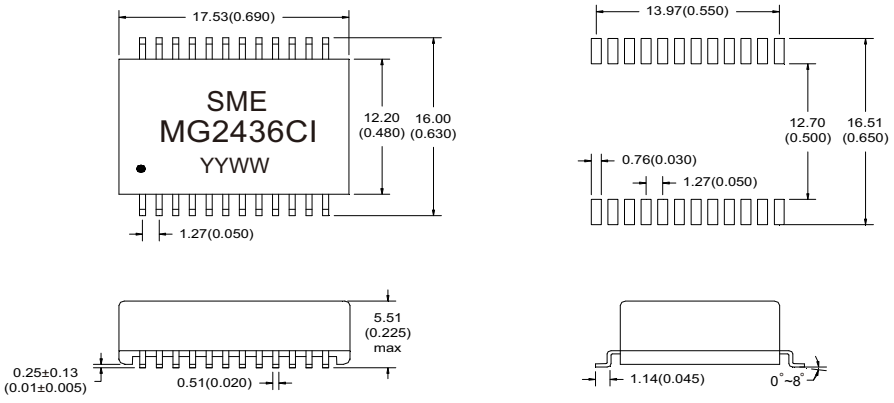
Electrical Specifications @25°C

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	1-30MHz	40MHz	50MHz	60-100MHz
MG2436CI	350	1CT:1CT	-1.2	-18	-14.4	-13.1	-12

Electrical Specifications @25°C

Part Number	Common Mode Rejection (dB Min)			Cross Talk (dB Min)		Isolation HI-POT (Vrms)
	30MHz	60MHz	80-100MHz	1-60MHz	60-100MHz	
MG2436CI	-40	-35	-30	-35	-32	1500

MECHANICAL



Dimensions: mm(inch)
Unless otherwise specified, all tolerances are±0.25(0.010)

SCHEMATICS

