

# 10/100/1000 Base T Gigabit Dual Port Transformer

- LL: 0.5uH Max @ 100KHz, 200mV
- DCR: 1.4Ω Max
- Cw/w: 25PF TYP @ 100KHz, 200mV
- Operating Temp: 0°C to +70°C

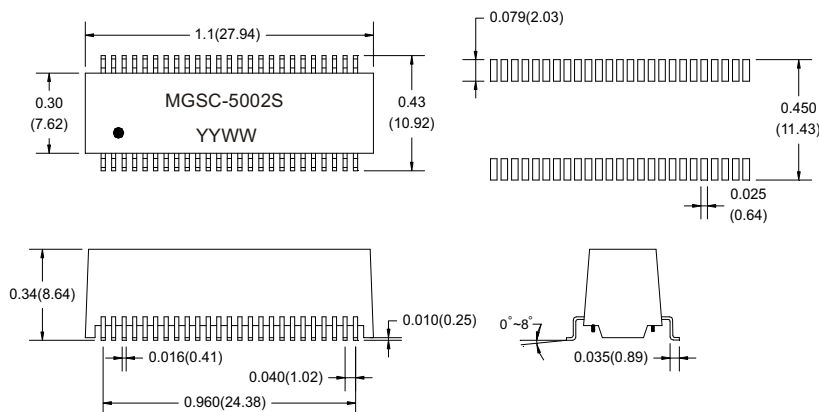
## Electrical Specifications @25°C

Part Number	OCL(uH Min) @ 100kHz, 0.2V With 8mA DC Bias	Turns Ratio chip: cable (±5%)	Insertion Loss (dB Max)	Return Loss (dB Min)				
	1-100MHz			1-40MHz	60MHz	80MHz	100MHz	
MGSC-5002S	350	1CT:1	-1.1	-18	-14	-12	-10	

## Electrical Specifications @25°C

Part Number	Cross Talk (dB Min)			Common Mode Rejection (dB Min)	Isolation HI-POT (Vrms)60S
	30MHz	60MHz	100MHz		
MGSC-5002S	-40	-35	-30	-40	1500

## MECHANICAL



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

## SCHEMATICS

