

# 100/1000 Base T Gigabit Quad Port Transformer

**Meisongbei**

- LL: 0.5uH Max @ 100kHz, 200mV
- DCR: 1.4Ω Max
- Operating Temp: 0°C to +70°C

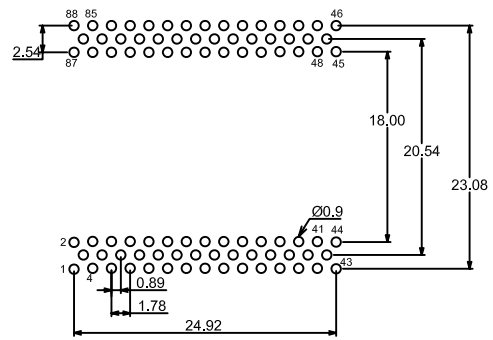
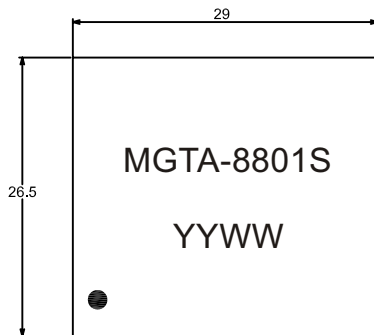
## Electrical Specifications @25°C

Part Number	OCL(μH Min) @ 100kHz, 0.2V With 8mA DC Bias	Turns Ratio chip: cable (± 3%)	Insertion Loss (dB Max)	Return Loss (dB Min)				
				1-100MHz	1-30MHz	40MHz	50MHz	60-80MHz
MGTA-8801S	350	1CT:1CT	-1.0	-18	-14.4	-13.1	-12	-10

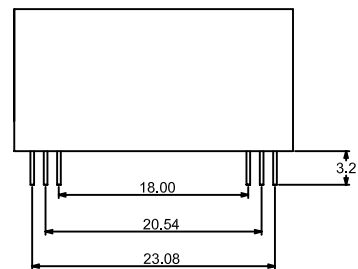
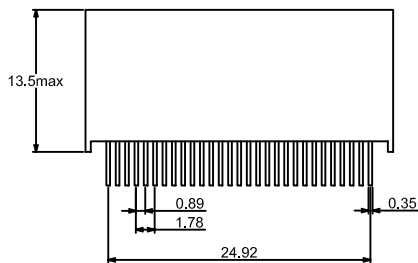
## Electrical Specifications @25°C

Part Number	Common Mode Rejection (dB Min)			Cross Talk (dB Min)	Isolation HI-POT (Vrms)
	0.3-30MHz	60MHz	100MHz		
MGTA-8801S	-40	-35	-30	-30	1500

## MECHANICAL



SUGGESTED PAD LAYOUT



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

SCHEMATICS

