

100/1000 Base T Gigabit Single Port Transformer

- Comply with IEEE802.3 and ANSIX3.263 standards
- Suitable for End-span PoE Applications with 1A current capability
- Operating Temp:-40°C to +85°C
- Storage Temp:-40°C to +110°C

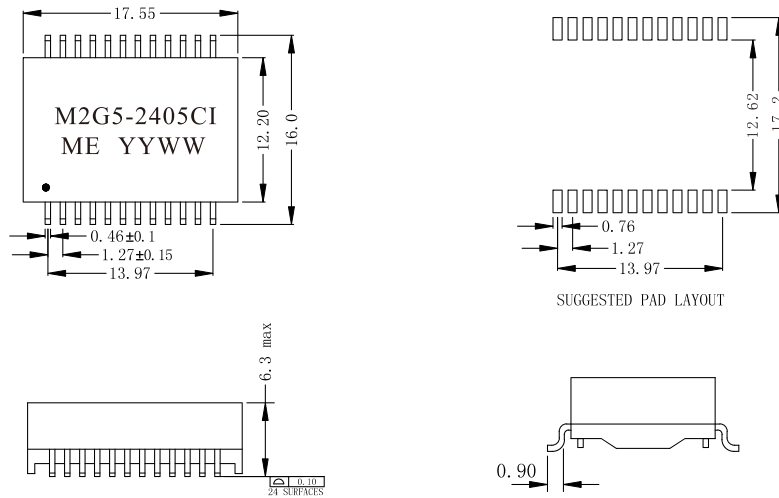
Electrical Specifications @25°C

Part Number	OCL(uH Min) @ 100kHz, 100mV 8mA	Turns Ratio (±2%)		CDMR		Insertion Loss (dB Max)	
		TX	RX	1-125MHz	125-300MHz	100KHz	1-300MHz
M2G5-2405CI	180	1CT:1CT	1CT:1CT	-35dB Min	-30dB Min	-3.0	-1.5

Electrical Specifications @25°C

Part Number	Return Loss (dB Min)		Cross Talk ADJACENT CHANNELS (dB Min)		Isolation HI-POT (Vrms)
	1-100MHz	100-300MHz	1-100MHz	100-300MHz	
M2G5-2405CI	-18	-10	-40	-30	1500

MECHANICAL



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

SCHEMATICS

