

2.5G/5G BASE-T SINGLE PORT MAGNETICS MODULES

- 2.5G/5G Base-T, Surface Mount Type, Open Header
- Suitable For End-span PoE Applications with 500mA current Capability
- Meets IEEE 802.3 and ANSIX3.263 standards
- Compliance with ROHS requirements.
- Operating Temp: -40°C to +85°C
- Storage Temp: -55°C to +125°C

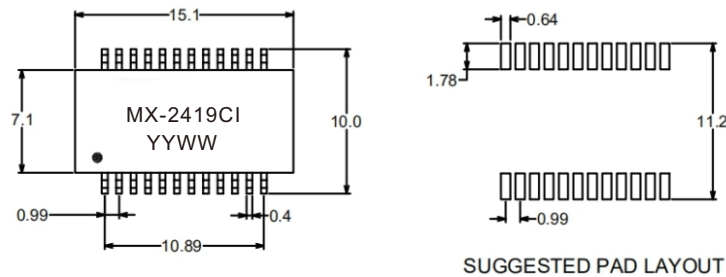
► Electrical Specifications @25°C

Part Number	OCL(uH Min) @ 100kHz, 100mV	Turns Ratio (±2%) PRI : SEC	Insertion Loss (dB Max)		Return Loss (dB Min)	
	With 9mA DC Bias		100KHz	1-300MHz	1-100MHz	100MHz-300MHz
MX-2419CI	120	1CT:1CT	-3.0	-1.5	-18	-10

► Electrical Specifications @25°C

Part Number	Common Mode Rejection Ratio		Common to Differential Mode		Cross Talk		Isolation HI-POT (Vrms) 60S
	1-100MHz	100-300MHz	1-125MHz	125-300MHz	1-100MHz	100MHz-300MHz	
MX-2419CI	-35dB Min	-30dB Min	-35dB Min	-30dB Min	-40dB Min	-30dB Min	1500

► MECHANICAL



0.10
24 SURFACES

Dimensions: mm

Unless otherwise specified, all tolerances are ±0.25

► SCHEMATICS

