10/100 Base-TX TRANSFORMER MODULES

Meisongbei

- Designed to meet IEEE802.3u standard for 100 BASE-T.
- Supports 2 pairs of category 5 UTP cable.
- Compliance with ROHS requirements.
- Operating Temp:-40°C to +85°C
- Storage Temp:-55°C to +125°C

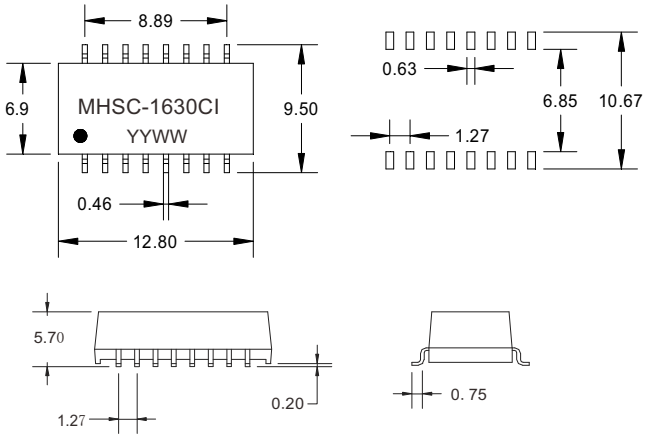
Electrical Specifications @25°C

Part Number	OCL(uH Min) @ 100kHz, 0.1V	Turns Ratio(±5%)		Cross Talk (dB Min)			Insertion Loss (dB Max)
	With 8mA DC Bias	TX	RX	30MHz	60MHz	100MHz	1-100MHz
MHSC-1630CI	350	1CT:1CT	1CT:1CT	-40	-35	-30	-1.1

Electrical Specifications @25°C

Part Number	Return Loss (dB Min) @ Load 100Ω			DCMR (dB Min)			Isolation HI-POT (Vrms) 60S
	1-30MHz	60MHz	80MHz	30MHz	60MHz	100MHz	
MHSC-1630CI	-16	-12	-10	-40	-35	-30	1500

MECHANICAL



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

SCHEMATICS

