

10/100 BASE-T SMT TRANSFORMERS

MODEL NO. : TH16020S1(Bottom open)

FEATURES:

RoHS Compliant
RoHS peak solder rating 260°C/ 3~5 Sec
Designed to meet IR requirement
Support IEEE 802.3af (PoE)
Operating Temperature. : -40°C ~ +85°C
Storage Temperature : -20°C ~ +125°C

SPECIFICATIONS : @ 25°C

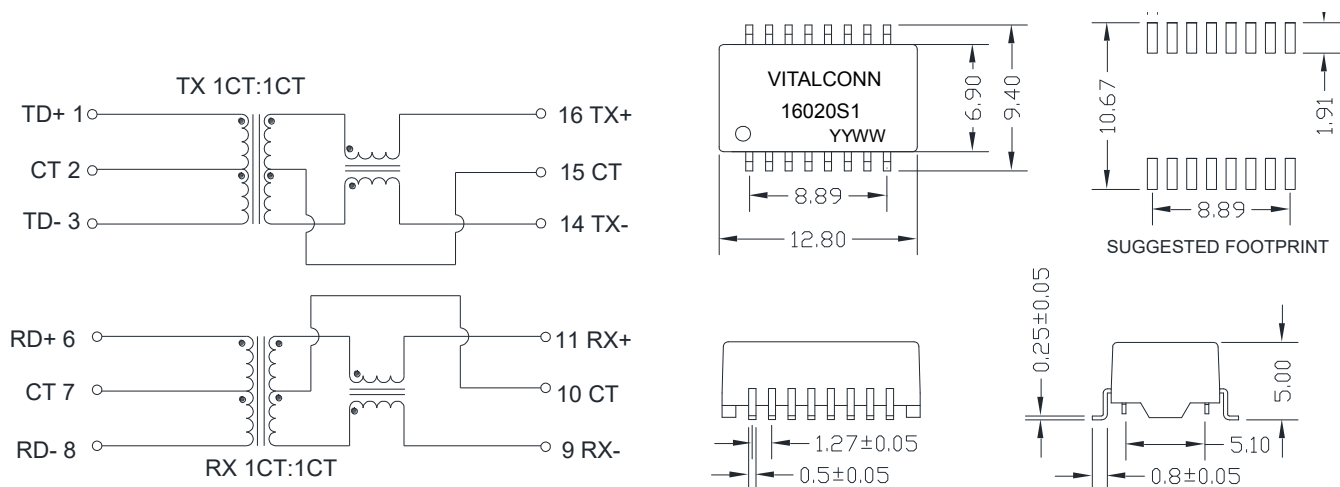
OCL : 350 uH Min @100kHz ,100mv / with 8mA DC Bias

Cw/w:25 pF Max

Turns Ratio (±5%)		Insertion Loss MHz (dB MAX)	Return Loss MHz (dB MIN)							Common Mode Rejection MHz (dB MIN)			Cross Talk MHz (dB MIN)		HIPOT (VAC)
TX	RX	0.1~125	1~30	30~40	40~50	50~60	60~80	80~90	90~100	30	50	100	1~60	60~100	1500
1CT:1CT	1CT:1CT	-1.1	-16	-15.5	-15	-14.5	-14 ~ -12	-11.5	-11~-10	-42	-37	-33	-40	-38	

SCHEMATICS:

DIMENSION: mm TOLERANCE: ±0.25



The maximum coplanarity of the terminals is 0.1 mm