

10/100 BASE-T SMT TRANSFORMERS

For Auto MDI/MDIX Applications

MODEL NO. : TH16050S1 (Bottom open)

FEATURES:

RoHS Compliant
RoHS peak solder rating 260°C/ 3~5 Sec
Designed to meet IR requirement
Operating temp. : -40°C ~ +85°C

SPECIFICATIONS @ 25°C

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

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	0.1~100	30~60	60~80	1~60	60~100	1~60	60~100	1500
1CT:1CT	1CT:1CT	-1.0	-16	-12	-35	-32	-40	-38	

SCHEMATICS:

DIMENSION: mm ; TOLERANCE: ±0.25

