

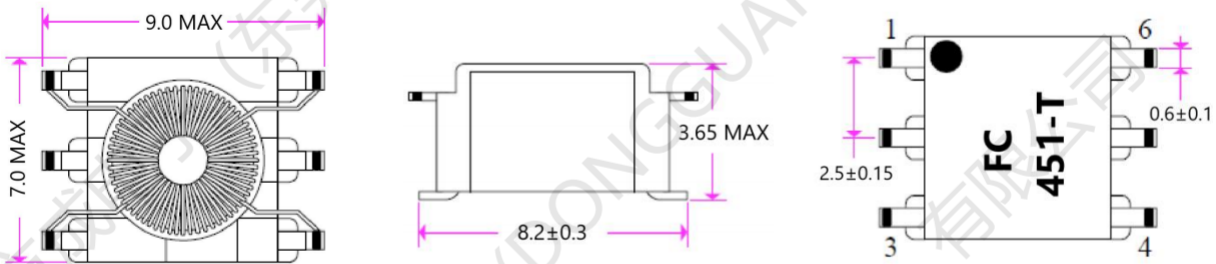
SMD Drive Transformers FC-SMT1036-451-T

Features:

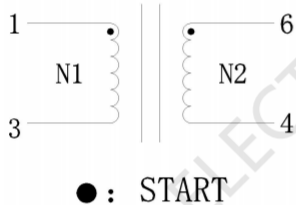
1. Small size
2. Inductance range: 0.45mH
3. turns Ratio: 1:1
4. Rated Current: 0.5A
5. Insulation Test Voltage: 1.5KVDC
6. Operating temperature: -40 °C to +125 °C



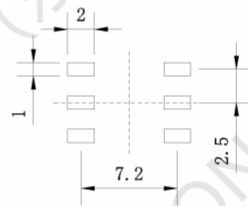
1. Dimensions:mm



2. Schematic:



3. Recommended Land Pattern: mm



4. Electrical Properties

NO.	ITEMS	MEASURING POINT	TECHNICAL DATA	TEST CONDITION	INSTRUMENT
1	Inductors	N1=N2	450μH /MIN	100KHz, 1. 0V, 25°C	HP4284A
2	IR	COIL~CORE	100Mohm MIN	DC500V	MF2511
3	turns Ratio	N1:N2	1:1	20KHz, 1V, 25°C	TH3250
4	DCR	N1=N2	0. 4Ω /MAX	25°C	CH502
5	Insulation Test Voltage	COIL => COIL	1. 5KV/DC	1mA 10S	CJ2670
		COIL => CORE	0. 5KV/DC	5mA 10S	CJ2670
6	Rated Current	N1/N2	0. 5A	/	6240

Ambient temperature : -40°C to +85°C

Operating temperature: -40°C to +125°C