

FC-SCT8.5-1:100-25A.Current Sense Transformers

Height: 9.0mm Max

Current Rating: up to 25A

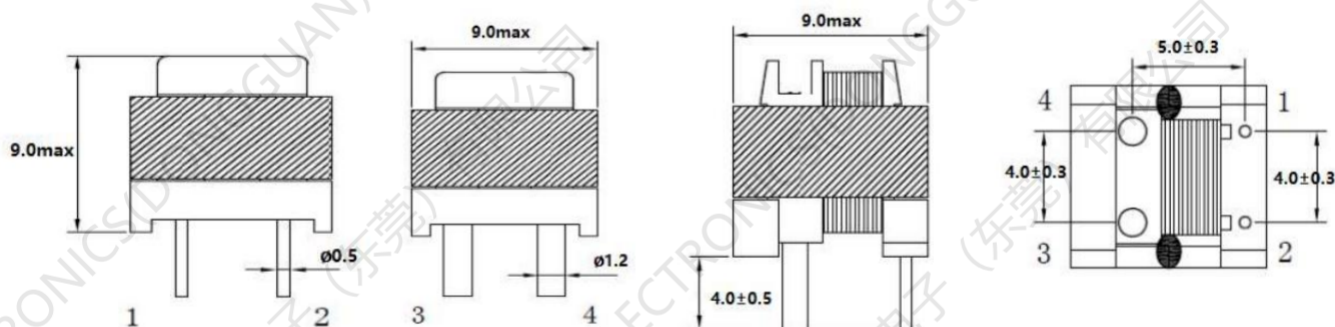
Low Primary DCR version

Ambient temperature -40°C to $+85^{\circ}\text{C}$

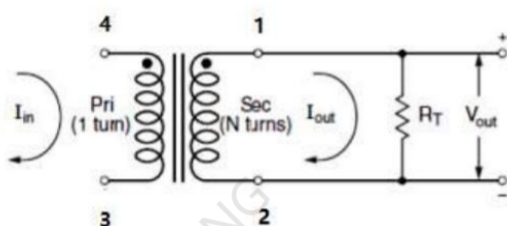
Storage temperature Component: -40°C to $+125^{\circ}\text{C}$



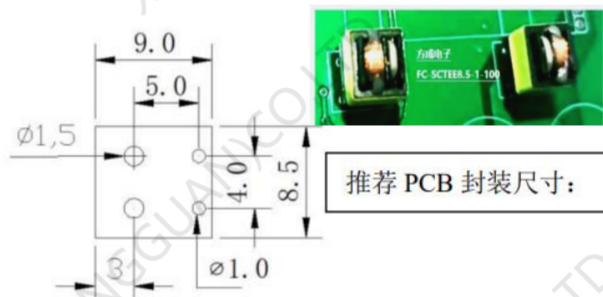
1. Dimensions:mm



2.Schematic:



3.LAYOUT RECOMMENDATION



4.Electrical Characteristics :

NO.	名称	测量端	测量值	测试条件	测试仪器
1	Inductance	L1-2	$\geq 5.0\text{mH}$	10kHz 0.3V 25°C	WK3260
2	DCR1	R1-2	2.5Ω MAX	25°C	CH502BC
3	DCR2	R4-3	2.5mΩ MAX	25°C	CH502BC
4	Current	I=4-3	DC-25A	1kHz 0.3V 25°C	WK3250+3260B
5	Turns Ratio	N1 : N2	100 : 1	20kHz 1V	WK3260
6	HI-POT	N1---N2	DC1500V	1mA/3sec.	CH19503

This specification applies to the SMD type current transformer **FC-SCT8.5-1:100-25A.Current Sense Transformers**
It is used as DC current transformer for various electronic device detection.