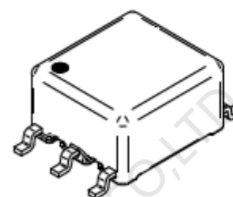


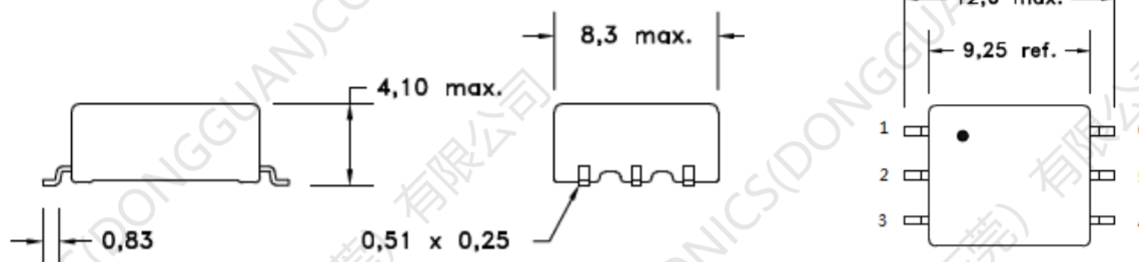
SMD Push-Pull Transformer FC-STR0809-4.5V-5V-5.0W

Features:

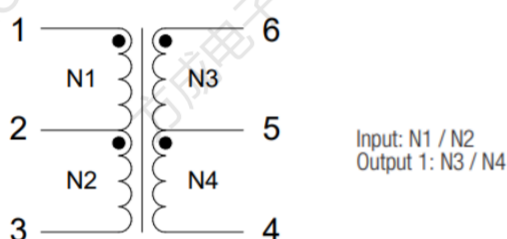
1. Primary rated voltage :4.5-5.5V. Secondary rated voltage:5.0V
2. Rated Current:1000mA;
3. Rated power:5.0W;
4. Insulation Test Voltage:2500V/AC
- 5.Operating temperature: -40 °C to +125 °C



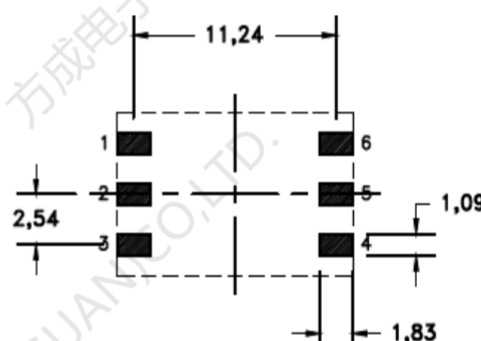
1. Dimensions:mm



2 .Schematic:



3. RecommendeLand Pattern: mm



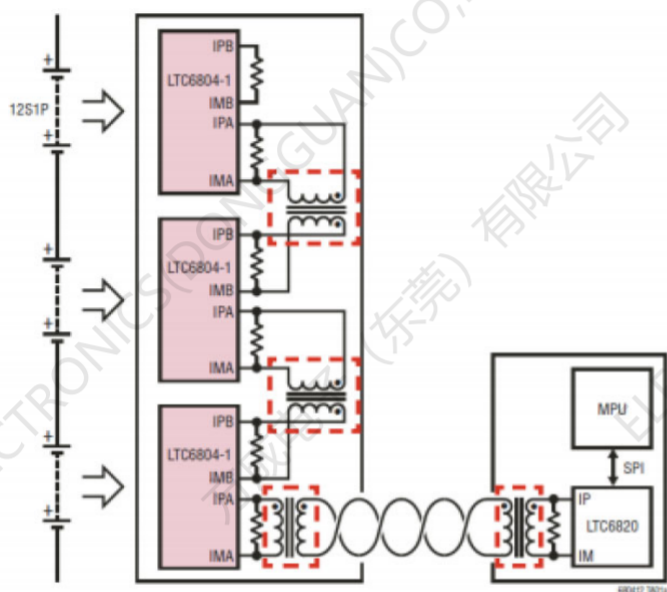
4. Electrical Properties

NO.	名 称	测量端	测量值	测试条件	标准测试仪器
1	Inductors	L (1--3)	72μH /min	10KHz, 0. 1V, 25℃	HP4284A
2	turns Ratio	N1+N2 : N3+N4	1:1. 1	10KHz, 0. 1V, 25℃	TH3250
3	IR	NP~NS	100Mohm MIN	DC500V	MF2511
4	Insulation Test Voltage	N1, 2 => N3, 4	2500V/AC	5mA 10S	CJ2670
5	Input Voltage	Vin	4. 5-5. 5V	V (DC)	/
6	Output Voltage 1	VOut1	5. 0V	V (DC)	/
7	Output Current	NP/NS	1000. 0mA	A (DC)	/
8	Switching Frequency	fswitch	400. 0	KHZ	/

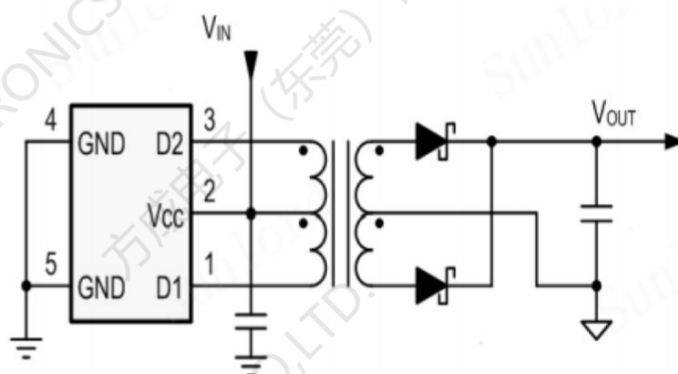
Ambient temperature -40°C to +85°C; Operating Temperature: -40°C to +125°

5. APPLICATIONS:应用

1. 汽车电池管理系统菊链式通信电路 Daisy-Chain Communication Circuit of BMS .
2. 小功率电源，模块通讯电源. Small power supply .
3. 电池管理系统，远程通信模块. BMS, Telecommunication Module and Ethernet communication Circuit.



示意图：电池管理系统菊链式通信电路
Diagrammatic Drawing:
Daisy-Chain Communication Circuit of BMS



应用示意图：电源用
Diagrammatic Drawing: For Power Supply