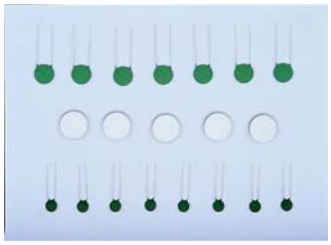
SCC series ***R-line Devices***

Features



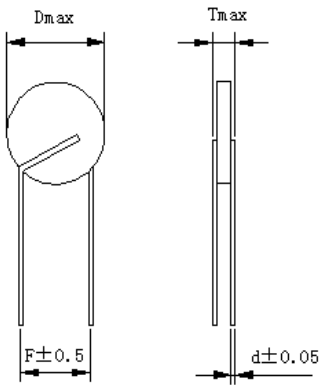
- ✧ Coated thermistor disk.
- ✧ Low resistance.
- ✧ UL approval (SCC-1R0-160AZMF)
- ✧ TUV approval (SCC-0R5-240AVMF, SCC-1R0-260AZMF)

Typical applications

- ✧ Motor of automobiles
- ✧ Low voltage electric implement
- ✧ Consumer electronics

Product Dimensions(mm)

Part number	D	Tmax	F	Φd
SCC-0R3-160AVMF	14	4	10	0.6
SCC-0R5-240AVMF	14	4	10	0.6
SCC-1R0-240AVMF	14	4	10	0.6
SCC-1R0-160AZMF	9	3	5	0.6
SCC-1R5-360AVMF	14	4	10	0.6
SCC-2R0-480AVMF	14	4	10	0.6
SCC-3R3-480ATMF	10	4	5	0.6
SCC-4R7-480ATMF	10	4	5	0.6



Electrical Characteristics

Part number	R (25℃)	V_{max} (VDC)	I_H (mA)	I_T (mA)	T_c (℃)	Mark
SCC-0R3-160AVMF	0.3	16	1300	2600	100	SCC0R3
SCC-0R5-240AVMF	0.5	24	1000	2000	100	WCP31
SCC-1R0-240AVMF	1.0	24	750	1500	100	SCC1R0
SCC-1R0-160AZMF	1.0	16	650	1250	150	WCP32
SCC-1R5-360AVMF	1.5	36	550	1200	100	SCC1R5
SCC-2R0-480AVMF	2.0	48	450	1000	100	SCC2R0
SCC-3R3-480ATMF	3.3	48	250	600	80	SCC3R3
SCC-4R7-480ATMF	4.7	48	200	500	80	SCC4R7

IH = Hold current: max current at which the device will not trip at 25℃ still air.

IT = Trip current: min current at which the device will always trip at 25℃ still air.

Vmax = Max voltage device can withstand without damage.

Tc= Curie temperature.

Part Numbering System

SCC – 0R5- 240 A V M

1 2 3 4 5 6

1. SCC: SCC series
2. 0R5: 0.5ohm,
3. 240: Max. voltage 24 V
4. A: Coated, B: Disk, C: Uncoated, D: Encased
5. Curie temperature: T=80℃, U=90℃, V=100℃, W=110℃, X=120℃, Y=130℃, Z=140℃
6. L: ±15%, M: ±20%, N: ±25%

Package Information

Bulk: 200pcs per bag.
Tape & Reel: 1000pcs per reel.

Warning:

Use thermistors only within the specified temperature operating range.

Use thermistors only within the specified voltage and current ranges.

Environmental conditions must not harm the thermistors. Use thermistors only in normal atmospheric conditions. Avoid use in deoxidizing gases (chlorine gas, hydrogen sulfide gas, ammonia gas, sulfuric acid gas etc), corrosive agents, humid or salty conditions. Contact with any liquids and solvents should be prevented

Shanghai Wayon Thermo/Electro Materials Co.,Ltd.
16th Floor, No.1398, Jinqiao Road, Shanghai 200136,China
Tel: 86-21- 50310888 Fax: 86-21-50757680
E-mail: market@way-on.com Http://www.way-on.com