

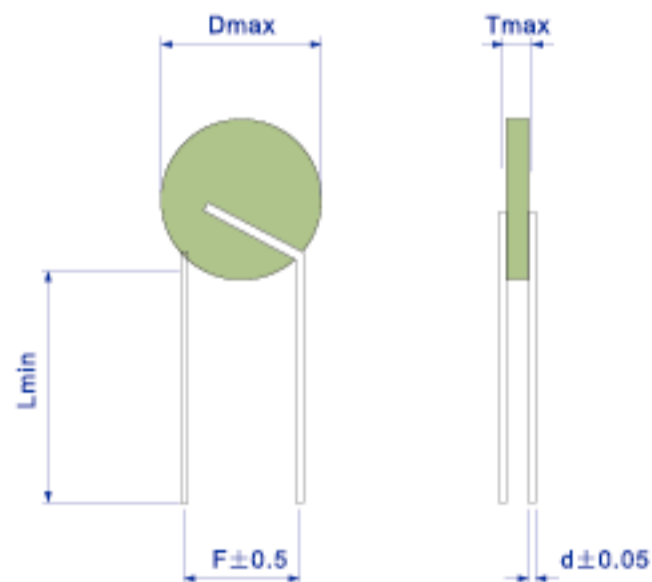
Typical applications **Features**

- Motor of automobiles
- Low voltage electric
- Consumer electronics
- Low voltage power supplies
- Rapid switch.
- High voltage.
- Great current.
- Lead-free weld.



Product Dimensions(mm)

Part number	D Max.	T Max.	L Min.	F Typ.
SCC-0R3-160AVMF	14	4	10	10
SCC-0R5-240AVMF	14	4	10	10
SCC-1R0-240AVMF	14	4	10	10
SCC-1R0-240ASMF	14	4	10	10
SCC-1R0-160AZMF	10	3	20	5
SCC-1R5-360AVMF	14	4	10	10
SCC-2R0-480AVMF	14	4	10	10
SCC-3R3-480ATMF	10	4	10	5
SCC-4R7-480ATMF	10	4	10	5



Marking System

SCC	Part series
0R3	Resistance

- ※ The coating can be either gray or green.
- ※ The size of the lead can meet the special requirement.

Part numbering system: SCC-0R5-240AVM
1 2 3 4 5 6

1. Series code	Overcurrent protection for high voltage devices
2. Resistance @25°C (Ω)	significant digits + multiplier e.g: 0R5=0.5
3. Max. voltage	significant digits + multiplier e.g 240=24V
4. Product form	A. leaded disks with coating B. disk C. leaded disks without coating D. reel tape
5. T _r	R:<60°C S:70°C T:80°C U:90°C V:100°C W:110°C X:120°C Y:130°C Z:≥140°C
6. Resistance tolerance	K:±10% L:±15% M:±20% N:±25% P:±30%

Part Specification

Part number	R (25°C)	V _{max} (V)	I _H (mA)	I _T (mA)	T _r (°C)	I _{max} (A)	Mark	Agency Recognition
SCC-0R3-160AVMF	0.3	16	1300	2600	100	7.0	SCC0R3	-
SCC-0R5-240AVMF	0.5	24	1000	2000	100	5.0	SCC0R4	TUV
SCC-1R0-240AVMF	1.0	24	750	1500	100	5.0	SCC1R0	-
SCC-1R0-240ASMF	1.0	24	600	1200	70	5.0	SCC1R0	-
SCC-1R0-160AZMF	1.0	16	625	1250	150	3.0	SCC1R0	TUV UL
SCC-1R5-360AVMF	1.5	36	550	1200	100	5.0	SCC1R5	-
SCC-2R0-480AVMF	2.0	48	450	1000	100	5.0	SCC2R0	-
SCC-3R3-480ATMF	3.3	48	250	600	80	3.0	SCC3R3	-
SCC-4R7-480ATMF	4.7	48	200	500	80	3.0	SCC4R7	-

I_H = Hold current: max current at which the device will not trip at 25°C still air
 I_T = Trip current: min current at which the device will always trip at 25°C still air
 V_{max} = Max voltage device can withstand without damage
 T_r = Reference Curie tempe

Package Information

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