

**Ceramic
 PTC Device**

R-line thermistors

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SCA-120-601ATM

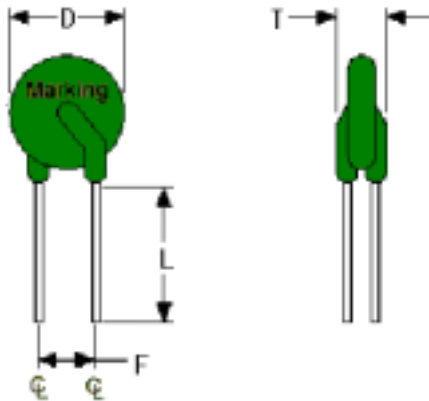
Features

- Radial leaded devices
- Flame retardant silicon resin insulating material meets UL94 V-0 requirements
- Lead-free soldering
- Rapid switching and rapid resuming



Product Dimensions (mm)

Part number	D	T	F	L	Lead
	Max.	Max.	Typ.	Min.	Size()
SCA-120-601ATM	14.0	5.0	7.5	5.0	0.6



Marking system

SCA-Product family

120-Resistance Value

* Lead materials: Tin-plate metal wire.

Electrical Characteristics

Part number	R(25)	V _{max}	I _H	I _T	T _f	Overload Type	Overload Type	Overload Type	Overload Type
	()	(V _{Ac})	(mA)	(mA)	()				
SCA-120-601ATM	12 ± 20%	600	180	360	80				

R(25)=Device resistance at 25

V_{max}=Maximum voltage device can withstand without damage at rated current.

I_H=Hold current: maximum current at which the device will not trip at 25 still air.

I_T=Trip current: minimum current at which the device will always trip at 25 still air.

T_f=Curie Point.

Overload Type : 250V, 3A, 60s on, 600s off, 10 times. | R/R| 10%

Overload Type : 10/750 μs, 1.5KV, interval 1min, 30 times. | R/R| 30%

Overload Type : 650V, Rs 600 , 1s on, 60s off, 10 times. | R/R| 20%

Overload Type : 380V, Rs 10 , 30 min. no arcing, no flame

Switching Time VS Switching Current

Part number	@25			
	0.35A→0.15A	0.5A→0.15A	1.0A→0.5A	3.0→0.5A
SCA-120-601ATM	22s	8.7s	2.1s	0.7s

Package Information

Bulk: 200pcs per bag.

Tape & Reel: 1000pcs per reel.