

**Ceramic
 PTC Device**

SMD thermistors

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SCP-300-301FTM

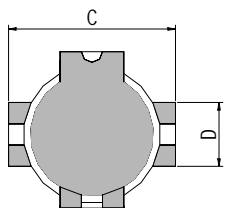
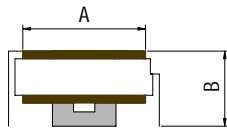
Features

- SMD devices
- Lead-free soldering
- Rapid switching and rapid resuming
- Great current impact endurance



Product Dimensions (mm)

Part number	A	B	C	D
	Max.	Max.	Max.	Typ.
SCP-300-301FTM	8.1	6.5	11.5	3.8



Marking system

SCP-Product family

300-Resistance Value

* Lead materials: Tin-plate metal wire.

Electrical Characteristics

Part number	R(25) ()	V _{max} (V _{Ac})	I _H (mA)	I _T (mA)	T _f ()	Overload Type	Overload Type	Overload Type	Overload Type
SCP-300-301FTM	30 ± 20%	300	70	140	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, 1.0KV, interval 1min, 30 times. | R/R| 30%

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

Overload Type : 300V, Rs 10 , 30 min. no arcing, no flame

Switching Time

Part number	@25			
	0.35A→0.15A	0.5A→0.15A	1.0A→0.5A	3.0→0.5A
SCP-300-301FTM	<7s	<3s	<600ms	<120ms

Package Information

Tape & Reel: 600pcs per reel.