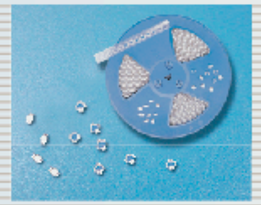
SCP SERIES

WAY-ON



Typical applications

- Exchanger
- Main distribution frame
- Local internet
- ADSL

Features

- Rapid switch
- High voltage
- Great current
- Lead-free weld

Overcurrent protection for communication equipment

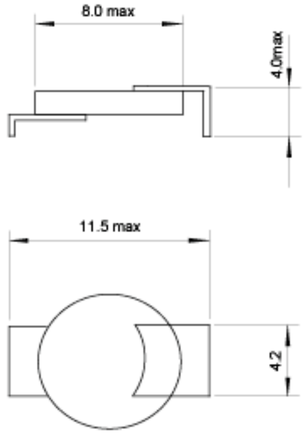


Fig. 1

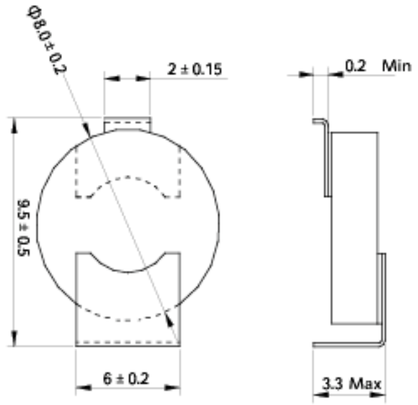


Fig. 2

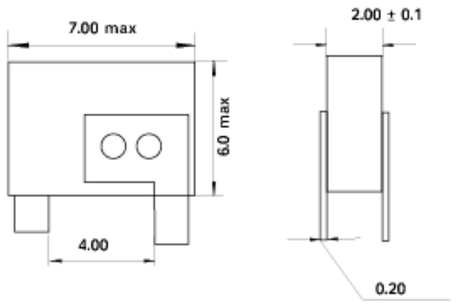


Fig3

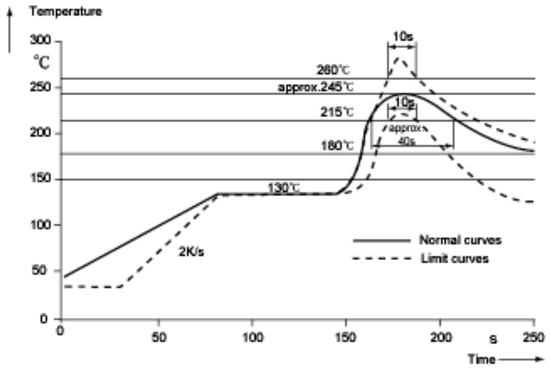
SmartCera

Part number	R (25℃)	Vmax (V)	IH (mA)	IT (mA)	Over current	Surge current	Power induction	Failure mode	Fig
SCP-300-251EM-AF	25	250	70	200	II	I	/	I	1
SCP-400-381EM-AF	40	380	60	140	II	III	I	II	1
SCP-250-301EM-BF	25	300	120	250	II	II	/	I	2
SCP-300-301EM-BF	30	300	100	220	II	II	I	I	2
SCP-250-261EM-CF	35	265	100	200	II	II	I	I	3
SCP-350-261EM-CF	35	265	80	160	II	II	I	I	3
SCP-500-261EM-CF	50	265	60	140	II	II	I	II	3

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.
Over current (△R%≤10%) : Ⅰ: 220V, 2A, 30min, one time Ⅱ: 250V, 3A, 60s on, 600s off, 10 times
Surge current (△R%≤30%) : Ⅰ: 10/310μs, 1.0KV, 3min off, 10 times Ⅱ: 10/750μs, 1.0KV, 1min off, 30 times
Ⅲ: 10/1000μs 1.0KV, 1min off, 30 times
Power induction (△R%≤20%) : Ⅰ: 600V, Rs 600Ω, 1s on, 60s off, 10 times
Failure mode (no arcing or burning) : Ⅰ: 250V, 3A, 15min; Ⅱ: 380V, Rs 10Ω, 15min

Part numbering system	SCP-300-251 E M A (1 2 3 4 5 6)
1. Series code	Overcurrent protection for communication equipment
2. Resistance @25℃ (Ω)	500=50Ω
3. Max. Voltage	381=380V
4. Product form	E:SMD type
5. Resistance tolerance	L-15% M-20% N-25%
6. Product shape	A:Fig1 B:Fig2 C:Fig3

Typical Reflow-soldering



WARNING:

Use rosin-type flux or non-activated flux.
Insufficient preheating may cause ceramic cracks.
Rapid cooling by dipping in solvent is not recommended.
Complete removal of flux is recommended.

Package Information

Tape & Reel: 1500 pcs per reel