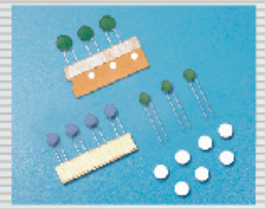
SCA SERIES

For Overload Protection in Telecom

WAY-ON



Typical applications

- Exchanger
- Main distribution frame
- Local internet
- ADSL

Features

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

Product Dimensions(mm)

Part number	D Max.	T Max.	F Typ.	d(Lead) Typ.	Fig
SCA-100-221AMF	9.5	5.0	5.0	0.6	1
SCA-200-221AMF	9.5	5.0	5.0	0.6	1
SCA-300-301AMF	9.5	5.0	5.0	0.6	1
SCA-350-261AMF	9.5	5.0	5.0	0.6	1
SCA-400-381AMF	9.5	5.0	5.0	0.6	1
SCA-500-381AMF	9.5	5.0	5.0	0.6	1
SCA-550-651AMF	10.0	5.0	5.0	0.6	1
SCA-250-261CMF	9.0	5.0	4.0	0.5	2
SCA-350-261CMF	9.0	5.0	4.0	0.5	2
SCA-500-261CMF	9.0	5.0	4.0	0.5	2
SCA-400-381EMF	9.0	4.5	5.0		3
SCA-500-381EMF	9.0	4.5	5.0		3

Fig1

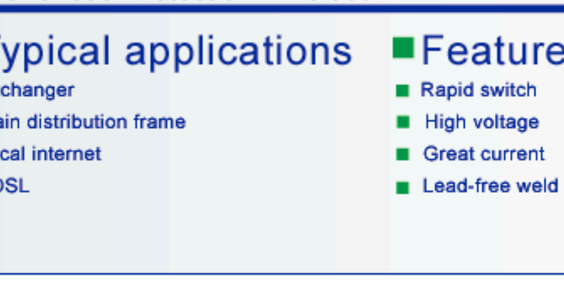


Fig2

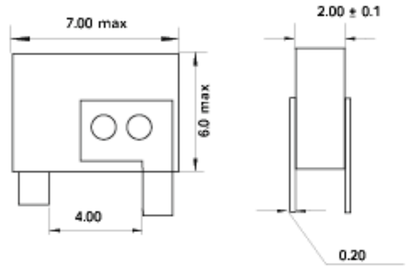


Fig3

SmartCera

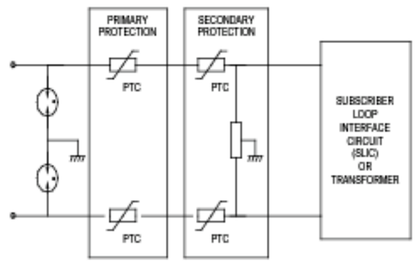
Part numbering system	SCA-550-261AM (1 2 3 4 5)
1. Series code	Overcurrent protection for communication equipment
2. Resistance @25℃ (Ω)	e.g: 500=50Ω
3. Max. Voltage	e.g: 261=260V
4. Product form	A.Coated B.Disc C.Uncoated E.Encased F.SMD.
5. Resistance tolerance	L-15% M-20% N-25%

Part Specification

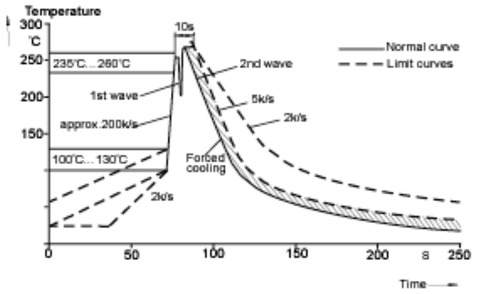
Part number	R (25℃)	V_{max} (VAC)	I_H (mA)	Responding Time(s) 1A->0.5A	Over current	Surge current	Power induction	Failure mode	Agency Recognition	Fig
SCA-100-251AMF	10	220	150	5.0	Ⅰ	Ⅰ	/	Ⅰ		1
SCA-200-251AMF	20	250	110	3.0	Ⅱ	Ⅰ	/	Ⅱ		1
SCA-300-301AMF	30	300	80	1.2	Ⅱ	Ⅱ	Ⅰ	Ⅱ		1
SCA-350-261AMF	35	265	80	1.2	Ⅱ	Ⅱ	Ⅰ	Ⅱ		1
SCA-400-381AMF	40	380	70	0.65	Ⅱ	Ⅱ	Ⅰ	Ⅱ		1
SCA-500-381AMF	50	380	60	0.5	Ⅱ	Ⅱ	Ⅰ	Ⅱ		1
SCA-550-651AMF	55	650	60	0.65	Ⅱ	Ⅲ	Ⅱ	Ⅲ		1
SCA-250-261CMF	25	265	100	3.0	Ⅱ	Ⅱ	Ⅰ	Ⅱ	TUV	2
SCA-350-261CMF	35	265	80	3.0	Ⅱ	Ⅱ	Ⅰ	Ⅱ	TUV	2
SCA-500-261CMF	50	265	60	3.0	Ⅱ	Ⅱ	Ⅰ	Ⅱ	TUV	2
SCA-400-381EMF	40	380	70	0.65	Ⅱ	Ⅱ	Ⅰ	Ⅱ		3
SCA-500-381EMF	50	380	60	0.5	Ⅱ	Ⅱ	Ⅱ	Ⅱ		3
SCA-350-261FMF	35	265	80	3.0	Ⅱ	Ⅱ	Ⅰ	Ⅱ	TUV	4

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: 10/1000μs, 1.0KV, 1min off, 30 times
Ⅲ: 10/1000μs, 1. 5KV, 1min off, 30 times
Power induction （△R%≤20%）: Ⅰ: 600V, Rs 600Ω, 1s on, 60s off, 5 times Ⅱ: 650V, Rs 600Ω, 1s on, 60s off, 10 times
Failure mode （no arcing or buring）: Ⅰ: 220V, Rs 10Ω, 30min Ⅱ: 380V, Rs 10Ω, 30min Ⅲ: 650V, Rs 10Ω, 30min

Examples of application profile



Soldering temperature



Package Information

Bulk: 500 pcs per bag
Tape & Reel: 1000 pcs per reel

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