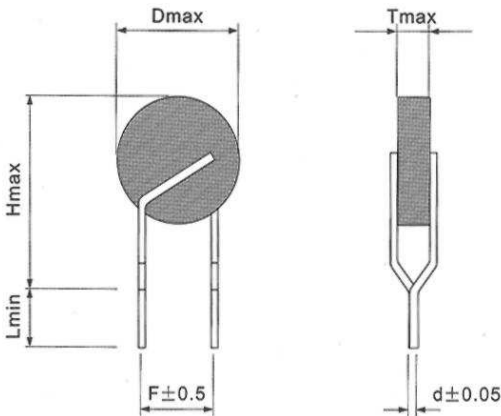


ESKA Fuses

■ Product Dimensions(mm)

Part number	D	T	H	L	F	d	code
	Max.	Max.	Max.	Min.	Typ.	Typ.	
SCA-8R0-221AUM	9.0	5.0	12	5	5.0	0.6	A
SCA-8R0-601ATM	14.0	5.0	16.5	5	7.5	0.6	B
SCA-100-221AUM	9.0	5.0	12	5	5.0	0.6	C
SCA-120-601ATM	14.0	5.0	16.5	5	7.5	0.6	D
SCA-150-251AUM	9.0	5.0	12	5	5.0	0.6	E
SCA-180-251AXM	7.5	5.0	11	5	5.0	0.6	F
SCA-250-451ATM	10.0	5.0	14	3.5	5.0	0.6	G
SCA-300-301ATM	10.0	5.0	12	5	5.0	0.6	H
SCA-400-381ATM	10.0	5.0	12	5	5.0	0.6	I
SCA-500-401ATM	10.0	5.0	12	5	5.0	0.6	J
SCA-550-651ATM	10.0	5.0	14	3.5	5.0	0.6	K



■ Marking System:

SCA ← Part series

8R0 ← Resistance

※ Lead materials: Tin-plate metal wire.

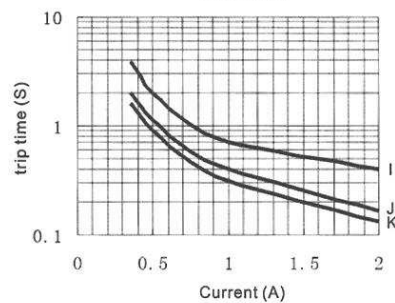
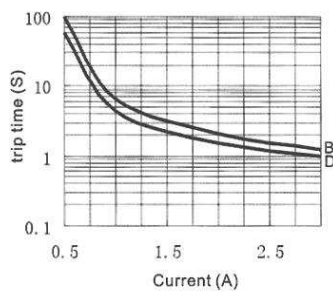
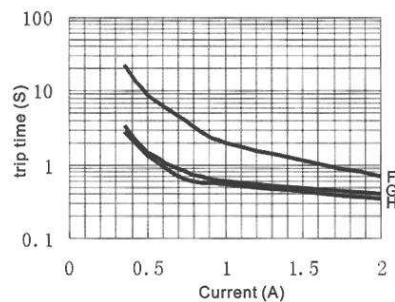
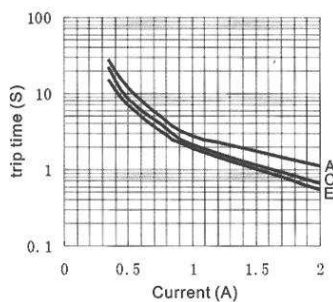
Part numbering system: SCA-550-651ATM		
	1	2 3 4 5 6
1. Series code	Overcurrent protection for telecom equipment	
2. Resistance @25°C (Ω)	2 significant digits + multiplier	e.g: 550=55 Ω
3. Max. Voltage	2 significant digits + multiplier	e.g: 651=650V
4. Product form	A. R-lines with coating B. Disk C. R-lines without coating D. reel tape	
5. T _r	Q: ≤50°C 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%	

Electrical Characteristics

Part number	R (25°C)	V _{max} (VAC)	I _H (mA)	I _T (mA)	T _f (°C)	Over current	Surge current	Power induction	Failure mode	Mark
SCA-8R0-221AUM	8	220	160	320	90	I	I	/	I	SCA8R0
SCA-8R0-601ATM	8	600	220	440	80	II	II	I	II	SCA8R0
SCA-100-221AUM	10	220	150	300	90	I	I	/	I	SCA100
SCA-120-601ATM	12	600	180	360	80	II	II	I	II	SCA120
SCA-150-251AUM	15	250	120	240	90	II	I	/	I	SCA150
SCA-180-251AXM	18	250	120	240	120	II	I	/	I	SCA180
SCA-250-451ATM	25	450	100	200	80	II	II	I	II	SCA250
SCA-300-301ATM	30	300	80	200	80	II	I	I	II	SCA300
SCA-400-381ATM	40	380	70	150	80	II	II	I	II	SCA400
SCA-500-401ATM	50	400	60	120	80	II	II	I	II	SCA500
SCA-550-651ATM	55	650	60	120	80	II	III	I	III	SCA550

- 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_f = Reference Curie temperature.
- Over current (ΔR%≤10%) : I : 220V, 2A, 30min, one time II : 250V, 3A, 60s on, 600s off, ten times
- Surge current (ΔR%≤30%) : I : 10/310 μs, 1.5KV, 3min off, ten times II : 10/750 μs, 1.5KV, 1min off, thirty times
III: 10/1000 μs, 1.5KV, 1min off, 30 times
- Power induction (ΔR%≤20%) : I : 650V, Rs 600 Ω, 1s on, 60s off, ten times
- Failure mode (no arcing or buring) : I : 220V, Rs 10 Ω, 30min II : 380V, Rs 10 Ω, 30min III: 650V, Rs 10 Ω, 30min

Typical Time-to-Trip Curve at 25°C



Package Information

Bulk:

- 200pcs per bag

Tape & Reel:

- 1000pcs per reel.