

Features

Typical applications

SmartCera



- Great current
- Disk
- Low resistance

Automobile air conditioning
Direct current power supplies
Heater



SCG series

R-line devices

Part Specification

Part number	R (25)	Vmax (V)	IH (A)	IT (A)	Imax (A)	Tf ()	W x D (mm)	Thickness (mm)	mark
SCG-0R15-480BYM	0.15	48	4.0	8.0	20	130	30 x 30	1.5	SCG0R15
SCG-0R2-480BYM	0.20	48	3.5	7.0	18	130	30 x 30	1.5	SCG0R2
SCG-0R3-480BYM	0.30	48	3.0	6.0	16	130	30 x 30	1.5	SCG0R3
SCG-1R0-251BXP	1.0	250	1.8	3.6	10	120	30 x 30	2.2	SCG5R0
SCG-1R0-251BUP	1.0	250	1.5	3.0	10	90	30 x 30	2.2	SCG5R0
SCG-1R0-251BTP	1.0	250	1.4	2.8	10	80	30 x 30	2.2	SCG5R0
SCG-3R0-381BXP	3.0	380	1.0	2.0	8	120	30 x 30	2.2	SCG5R0
SCG-3R0-381BUP	3.0	380	0.9	1.8	8	90	30 x 30	2.2	SCG5R0
SCG-3R0-381BTP	3.0	380	0.85	1.7	8	80	30 x 30	2.2	SCG5R0
SCG-5R0-501BXP	5.0	500	0.8	1.6	6	120	30 x 30	2.2	SCG5R0
SCG-5R0-501BUP	5.0	500	0.7	1.4	6	90	30 x 30	2.2	SCG5R0
SCG-5R0-501BTP	5.0	500	0.65	1.3	6	80	30 x 30	2.2	SCG5R0

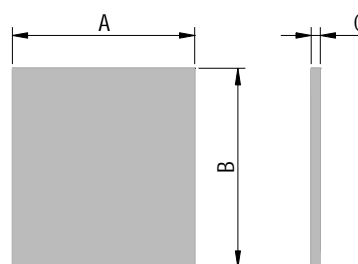
I_H = Hold current: max current at which the device will not trip at 25 still air.

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

I_{max} = Max current device can withstand without damage at V_{max}

V_{max} = Max voltage device can withstand without damage.

T_f = Reference Curie temperature



Part numbering system : **SCG-0R2-480BYM**
1 2 3 4 5 6

1. Series code

2. Resistance @25 () 2 significant digits + multiplier e.g: 0R2=0.2

3. Max. voltage 2 significant digits + multiplier e.g : 480=48V

4. Product form A. leaded disks with coating B. disk C. leaded disks without coating D. reel tape

5. Tf R:<60 S:70 T:80 U:90 V:100 W:110 X:120 Y:>120

6. Resistance tolerance K: ± 10% L: ± 15% M: ± 20% N: ± 25% P: ± 30%

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