



Color code and Kink available

FEATURES :

- * HBC (High Breaking Capacity) IEC 60127-2 sheet 5
- 5 x 20mm Ceramic Tube, Time-Lag
- * RoHS-Compliant Products

APPROVALS :

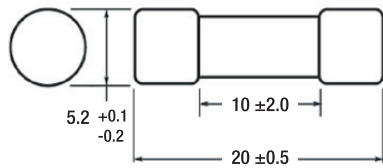
- * SEMKO [500mA-10A] * VDE [500mA-10A]
- * BSI [1-10A] * IMQ * CCC [1-6.3A]
- * UL Recognized * CSA Acceptance
- * METI (PSE) [1-10A] * KC (Korea Certification) [1-10A]



SG5013 SERIES

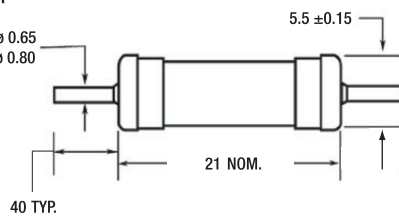
DIMENSIONS :

SG5013-R



SG5013 P -R

1A - 6.3A : ϕ 0.65
8A / 10A : ϕ 0.80



Unit : mm

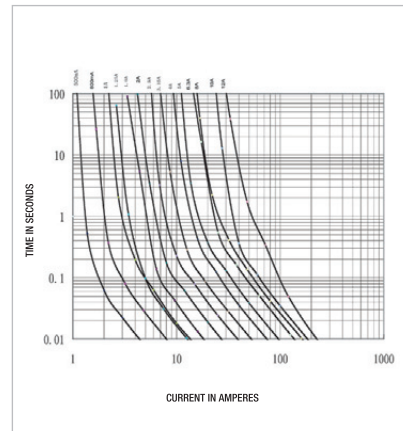
ELECTRICAL CHARACTERISTICS :

Pre-Arcing Time

(%)	150%		210%		275%		400%		1000%	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
< 1A	60 min.	30 min.	250 ms	80 s	50 ms	5s	5 ms	150 ms		
1A-3.15A	60 min.	30 min.	750 ms	80 s	95 ms	5s	10 ms	150 ms		
4A-6.3A	60 min.	30 min.	750 ms	80 s	150 ms	5s	10 ms	150 ms		
8A / 10A	30 min.	30 min.	750 ms	80 s	150 ms	5s	10 ms	150 ms		

AVERAGE TIME CURRENT CURVES :

TYPICAL



SPECIFICATIONS :

Product Code	Rated Current	Voltage Rating AC	Breaking Capacity*1	Max. Voltage Drop @100% [mV]	Resistance Value*3	Typical Pre-Arcing I ² t at 250VAC (A ² sec)*2
SG5013 .500 -R	500 mA	250 V	1500 A	850	0.5070	0.188 †
SG5013 .800 -R	800 mA	250 V	1500 A	500	0.2370	0.632 †
SG5013 001 -R	1 A	250 V	1500 A	350	0.1401	1.28
SG5013 1.25 -R	1.25 A	250 V	1500 A	300	0.1075	2.22
SG5013 01.6 -R	1.6 A	250 V	1500 A	200	0.0700	6.78
SG5013 002 -R	2 A	250 V	1500 A	190	0.0545	9.60
SG5013 02.5 -R	2.5 A	250 V	1500 A	180	0.0395	16.60
SG5013 3.15 -R	3.15 A	250 V	1500 A	140	0.0305	36.60 †
SG5013 004 -R	4 A	250 V	1500 A	100	0.0185	38.45 †
SG5013 005 -R	5 A	250 V	1500 A	100	0.0131	71.30
SG5013 06.3 -R	6.3 A	250 V	1500 A	100	0.0102	111 †
SG5013 008 -R	8 A	250 V	1500 A	100	0.0077	228 †
SG5013 010 -R	10 A	250 V	1500 A	100	0.0061	397

NOTE:

1. Breaking Capacity - Measured at rated voltage at 70 to 80% Power Factor on AC.
2. Typical Melting I²t - Measured at listed Breaking Capacity and rated voltage. † : measured at 10 In under DC.
3. Typical Resistance Value - measured with less than 10% of rated current.
4. Add "P" after the part number for Pigtail Lead (with wire terminations) type. Ex.) SG5013 001 P -R (1A)
5. Ask PICO SALES for Lead Forming type. Forming Variations are available.