



Type SGS/SGP

4.5ØX14.5mm



Fast Acting Glass Tube Fuse Series



SGS

SGP-A



Approvals

SGS

UL Listed 10mA~3.5A
CSA Certified 10mA~3.5A
MITI 1A~3.5A

SGP (With Pig-Tail)

UL Listed 10mA~3.5A
CSA Certified 10mA~3.5A
MITI 1A~3.5A

Electrical Characteristics

| Rated Current | 1 In | 1.35In | 2 In |
|---------------|--------|--------|-------|
| | MIN | MAX | MAX |
| 10mA~10A | 4 Hrs. | 1 hr | 5 Sec |

Interrupting Ratings

10mA ~10A: 10,000 amperes at 125V AC
10mA ~1A: 35 amperes at 250V AC
1.25A~3.5A: 100 amperes at 250V AC

Operating Temperature

-55°C to +125°C

Physical Specification

Materials

Glass body / Nickel Plated Brass Caps
Lead Wire:
Diameter Ø0.63 mm 7A and less.
Diameter Ø1.0 mm for rating above 8A.

Packaging

- In Bulk:
SGS - 2,000 pcs ; SGP - 500 pcs per box
- On Axial Tape & Reel
1,000 pcs per reel.
- Tape & Reel specification:
per EIA-296-E & IEC 286-1
@ 10mm Pitch and 56.5mm inside Tape Spacing.

| Cartridge Catalog Number | Axial Lead Catalog Number | Ampere Rating [In] | Voltage Rating (V) | Nominal Resistance Cold Ohms | Nominal Melting I ² t A ² Sec |
|--------------------------|---------------------------|--------------------|--------------------|------------------------------|---|
| SGS .010 | SGP .010 | 10 mA | 250V | * | * |
| SGS .020 | SGP .020 | 20 mA | | * | * |
| SGS .030 | SGP .030 | 30 mA | | * | * |
| SGS .032 | SGP .032 | 32 mA(1/32A) | | * | * |
| SGS .040 | SGP .040 | 40 mA | | * | * |
| SGS .050 | SGP .050 | 50 mA | | * | * |
| SGS .060 | SGP .060 | 60 mA | | * | * |
| SGS .063 | SGP .063 | 63 mA | | * | * |
| SGS .070 | SGP .070 | 70 mA | | * | * |
| SGS .080 | SGP .080 | 80 mA | | * | * |
| SGS .100 | SGP .100 | 100 mA | | 6.6000 | 0.00150 |
| SGS .125 | SGP .125 | 125 mA | | 5.2000 | 0.00234 |
| SGS .150 | SGP .150 | 150 mA | | 3.4520 | 0.00337 |
| SGS .160 | SGP .160 | 160 mA | | 3.1550 | 0.00384 |
| SGS .175 | SGP .175 | 175 mA | | 3.0000 | 0.00459 |
| SGS .200 | SGP .200 | 200 mA | | 2.5250 | 0.00600 |
| SGS .250 | SGP .250 | 250 mA | | 1.9250 | 0.00937 |
| SGS .300 | SGP .300 | 300 mA | | 1.3300 | 0.01350 |
| SGS .350 | SGP .350 | 350 mA | | 1.0610 | 0.02450 |
| SGS .400 | SGP .400 | 400 mA | | 0.3900 | 0.03200 |
| SGS .500 | SGP .500 | 500 mA | 0.3100 | 0.05000 | |
| SGS .600 | SGP .600 | 600 mA | 0.2750 | 0.07200 | |
| SGS .700 | SGP .700 | 700 mA | 0.2000 | 0.09800 | |
| SGS .750 | SGP .750 | 750 mA | 0.1840 | 0.11250 | |
| SGS .800 | SGP .800 | 800 mA | 0.1620 | 0.16000 | |
| SGS 001 | SGP 001 | 1 A | 0.1240 | 0.25000 | |
| SGS 1.25 | SGP 1.25 | 1.25 A | 0.0928 | 0.39000 | |
| SGS 1.50 | SGP 1.50 | 1.5 A | 0.0725 | 0.56250 | |
| SGS 1.75 | SGP 1.75 | 1.75 A | 0.0652 | 0.76500 | |
| SGS 002 | SGP 002 | 2 A | 0.0565 | 1.20000 | |
| SGS 2.50 | SGP 2.50 | 2.5 A | 0.0351 | 1.87500 | |
| SGS 003 | SGP 003 | 3 A | 0.0305 | 2.70000 | |
| SGS 3.15 | SGP 3.15 | 3.15 A | 0.0285 | 2.97600 | |
| SGS 3.50 | SGP 3.50 | 3.5 A | 0.0257 | 3.67500 | |
| SGS 004 | SGP 004 | 4 A | 0.0238 | 6.40000 | |
| SGS 4.50 | SGP 4.50 | 4.5 A | 0.0211 | 8.10000 | |
| SGS 005 | SGP 005 | 5 A | 0.0172 | 10.0000 | |
| SGS 006 | SGP 006 | 6 A | 0.0158 | 14.4000 | |
| SGS 6.30 | SGP 6.30 | 6.3 A | 0.0140 | 16.9000 | |
| SGS 007 | SGP 007 | 7 A | 0.0125 | 24.5000 | |
| SGS 7.50 | SGP 7.50 | 7.5 A | 0.0110 | 28.1250 | |
| SGS 008 | SGP 008 | 8 A | 0.0100 | 32.0000 | |
| SGS 010 | SGP 010 | 10 A | 0.0078 | 50.0000 | |

*Please contacts CONQUER.

Mechanical Dimensions

