



RoHS Compliant Glass Discharge Tube SCC-141N SPG Spark Gap Protectors

Our Product Introduction

for more products please visit us on socaydiode.com

Basic Information

- Place of Origin: Shenzhen, Guangdong, China
- Brand Name: SOCAY
- Certification: REACH,RoHS,ISO
- Model Number: SCC-141N
- Minimum Order Quantity: 1500PCS
- Price: Negotiable
- Packaging Details: AMMO packing bulk
- Delivery Time: 5-8 work days



Product Specification

- Product Name: Spark Gap Protectors (SPG)
- Package Type: Axial Lead
- VS: 140(98~182)V
- IR/DC: 100M/50V
- C: 1.0pF
- 8/20μS: 3000A
- Surge Life Test: 10KV / 150A , >300T
- Highlight: RoHS Glass Discharge Tube,
SPG Glass Discharge Tube,
SPG Spark Gap Protectors



More Images



Product Description

Original Factory Supply Spark Gap Protectors (SPG) SCC-141N SPG SOCAP Provide Free Protection Plan

DATASHEET: [SCC_v2204.1 .pdf](#)

Part Number	DC Spark-over Voltage Vs(V)	Minimum Insulation Resistance IR(OHM)/DC	Maximum Capacitance 1KHZ-6Vmax C (pF)	Surge Current Capacity 8/20 μS	Surge Life Test
SCC-141N	140(126~210)	100M / 50V	1.0	3000A	10KV / 150A , >300T
SCC-201M	200(160~240)	100M /100V	1.0	3000A	10KV / 150A , >300T
SCC-251M	250(200~300)	100M /100V	1.0	3000A	10KV / 150A , >300T
SCC-301M	300(240~360)	100M /100V	1.0	3000A	10KV / 150A , >300T
SCC-401M	400(320~480)	100M / 250V	1.0	3000A	10KV / 150A , >300T
SCC-501M	500(400~600)	100M / 250V	1.0	3000A	10KV / 150A , >300T
SCC-601M	600(480~720)	100M / 250V	1.0	3000A	10KV / 150A , >300T
SCC-701M	700(560~840)	100M / 250V	1.0	3000A	10KV / 150A , >300T
SCC-801M	800(640~960)	100M / 250V	1.0	3000A	10KV / 150A , >300T
SCC-102M	1000(800~1200)	100M / 500V	1.0	3000A	10KV / 150A , >300T
SCC-122M	1200(960~1440)	100M / 500V	1.0	3000A	10KV / 150A , >300T
SCC-302M	3000 (2400~3600)	100M / 500V	1.0	3000A	10KV / 150A , >300T
SCC-362M	3600 (2880~4320)	100M / 500V	1.0	3000A	10KV / 150A , >300T



Features:

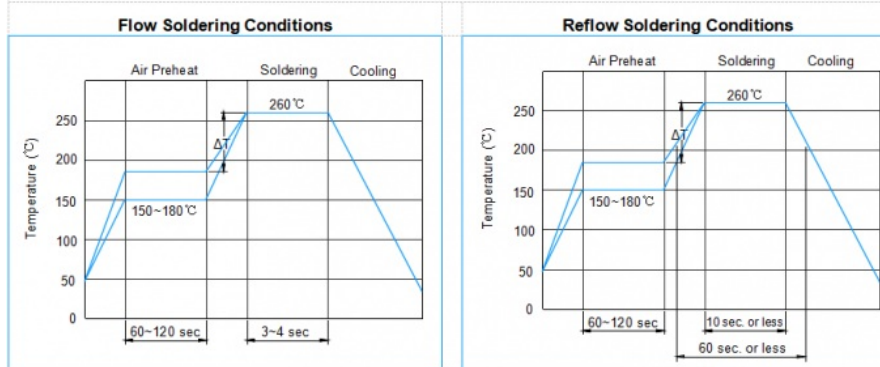
- u Approximately zero leaking current before clamping voltage
- u Less decay at on/off state.
- u High capability to withstand repeated lightning strikes.
- u Low electrode capacitance ($\leq 1.0\text{pF}$) and high isolation ($\geq 100\text{M}\Omega$).
- u RoHS compliant.
- u Bilateral symmetrical.
- u Temperature, humidity and lightness insensitive.
- u Working temperature: $-45 \sim +125$
- u Storage temperature: $-45 \sim +125$
- u Meets MSL level 1, per J-STD-020

Applications:

- u Power Supplies
- u Motor sparks eliminating
- u Relay switching spark absorbing
- u Data line pulse guarding
- u Electronic devices requiring UL497A and UL497B compliant
- u Telephone/Fax/Modem
- u High frequency signal transmitters/receivers
- u Satellite antenna
- u Radio amplifiers
- u Alarm systems
- u Cathode ray tubes in Monitors/TVs

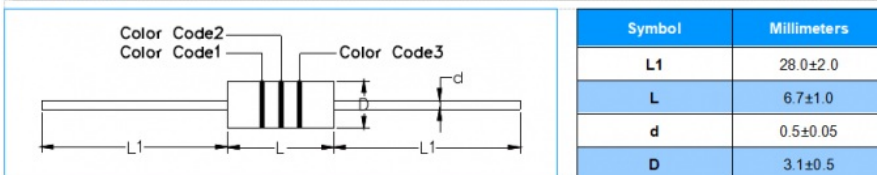
Part Number	Color Code1	Color Code2	Color Code3
SCC-141N	Brown	Red	White
SCC-201M	Red	Brown	White
SCC-251M	Red	Green	Brown
SCC-301M	Orange	Red	White
SCC-401M	Yellow	Brown	White
SCC-501M	Green	Orange	Red
SCC-601M	Blue	Red	Orange
SCC-801M	Gray	Black	Red
SCC-102M	Black	Black	Red
SCC-122M	Black	Red	Orange
SCC-302M	Orange	Black	Red
SCC-362M	Orange	Blue	Red

Recommended Soldering Conditions



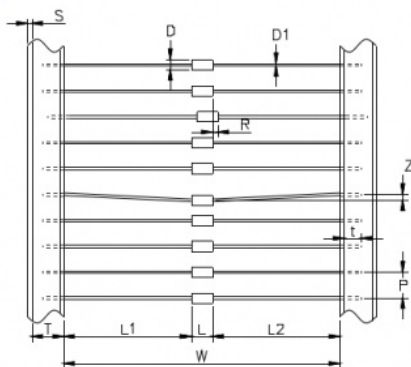
- 1) Time shown in the above figures is measured from the point when chip surface reaches temperature.
- 2) Temperature difference in high temperature part should be within 110°C .
- 3) After soldering, do not force cool, allow the parts to cool gradually.

Dimensions



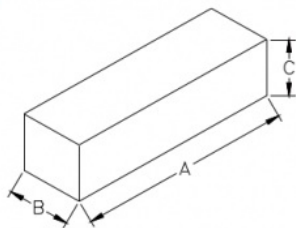
Packaging

Tape



Symbol	Dimension (mm)
W	52+2.0/-1.0
P	5.0±0.5
T	6.0±1.0
Z	1.2 Max
L1-L2	1.0 Max
S	0.8 Max
t	3.2 Max
L	6.7±1.0
D1	Φ0.5±0.05
D	Φ3.1±0.5
R	1.0 Max

Inner Box



Item	Description
Length	A=255 mm
Width	B=75 mm
Height	C=68 mm
Quantity	1500 PCS
Package	There are upper and bottom board to protect the parts from damage.

 **SOCAY® Shenzhen Socay Electronics Co., Ltd.**

+8618126201429

sylvia@socay.com

socaydiode.com

4/F, Block C, HeHengXing Science & Technology Park, 19 MinQing Road, LongHua District, Shenzhen City, Guangdong Province, China