



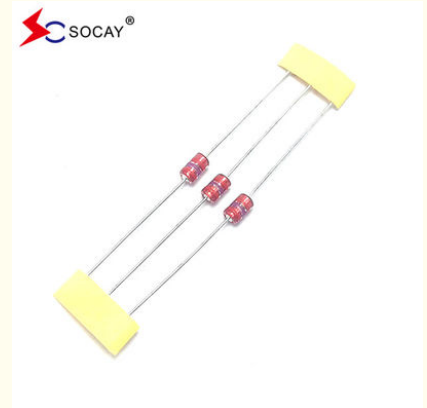
SPG Gas Glass Discharge Tube SCCE-141N 3000A High Isolation Spark Gap Protectors

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: SCCE-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: **Glass Discharge Tube 3000A,
Glass Discharge Tube High Isolation,
SPG Gas Discharge Tube**



More Images



Product Description

Glass Gas Discharge Tube (SPG) SCCE-141N SPG 3000A @8/20μS High Isolation ($\geq 100M\Omega$).

DATASHEET: [SCCE Series_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
SCCE-141N	140(126~210)	100M / 50V	1.0	3000A	10KV / 150A , >300T
SCCE-181N	180(126~234)	100M / 100V	1.0	3000A	10KV / 150A , >300T
SCCE-201M	200(160~240)	100M /100V	1.0	3000A	10KV / 150A , >300T
SCCE-301M	300(240~360)	100M /100V	1.0	3000A	10KV / 150A , >300T
SCCE-401M	400(320~480)	100M / 250V	1.0	3000A	10KV / 150A , >300T
SCCE-501M	500(400~600)	100M / 250V	1.0	3000A	10KV / 150A , >300T
SCCE-601M	600(480~720)	100M / 250V	1.0	3000A	10KV / 150A , >300T
SCCE-701M	700(560-840)	100M / 250V	1.0	3000A	10KV / 150A , >300T
SCCE-801M	800(640-960)	100M / 250V	1.0	3000A	10KV / 150A , >300T
SCCE-102M	1000(800~1200)	100M / 500V	1.0	3000A	10KV / 150A , >300T
SCCE-122M	1200(960-1440)	100M / 500V	1.0	3000A	10KV / 150A , >300T
SCCE-152M	1500(1200~1800)	100M / 500V	1.0	3000A	10KV / 150A , >300T
SCCE-202M	2000(1600-2400)	100M / 500V	1.0	3000A	10KV / 150A , >300T
SCCE-242M	2400(1920-2880)	100M / 500V	1.0	3000A	10KV / 150A , >300T
SCCE-272M	2700(2160-3240)	100M / 500V	1.0	3000A	10KV / 150A , >300T
SCCE-302M	3000(2400-3600)	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

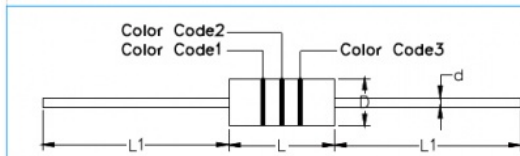
Applications:

- 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
SCCE-141N	Black	Yellow	--
SCCE-181N	Gray	--	--
SCCE-201M	Red	--	--
SCCE-301M	Orange	--	--
SCCE-401M	Yellow	--	--
SCCE-501M	Green	--	--
SCCE-601M	Blue	--	--
SCCE-701M	Purple	--	--
SCCE-801M	Gray	--	--
SCCE-102M	Black	--	--
SCCE-122M	Brown	Red	--
SCCE-152M	Black	Green	Red
SCCE-202M	Red	Black	Red
SCCE-242M	Red	Yellow	Red

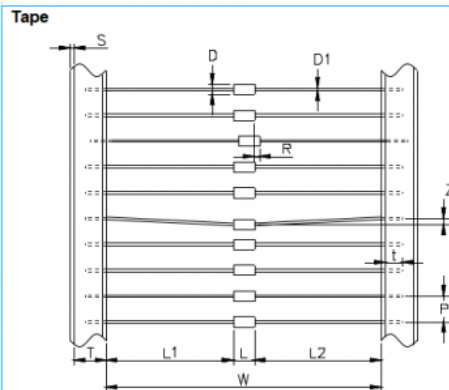
SCCE-272M	Red	Purple	Red
SCCE-302M	Orange	Black	Red

Dimensions



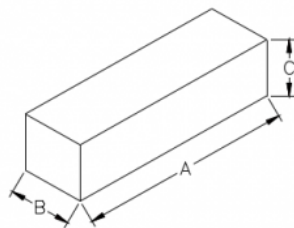
Symbol	Millimeters
L1	28.0±2.0
L(141N~122M)	4.3±0.3
L(152M~302M)	5.3±0.3
d	0.5±0.05
D	3.1±0.5

Packaging



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(141N~122M)	4.3±1.0
L(152M~302M)	5.3±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.

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