

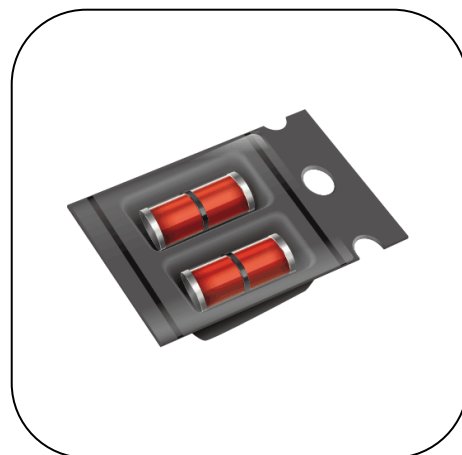
# Spark Gap Protectors: SPCC Series

## No Lead Type $\Phi 2.6 \times 5 \text{mm}$



### ■ Features

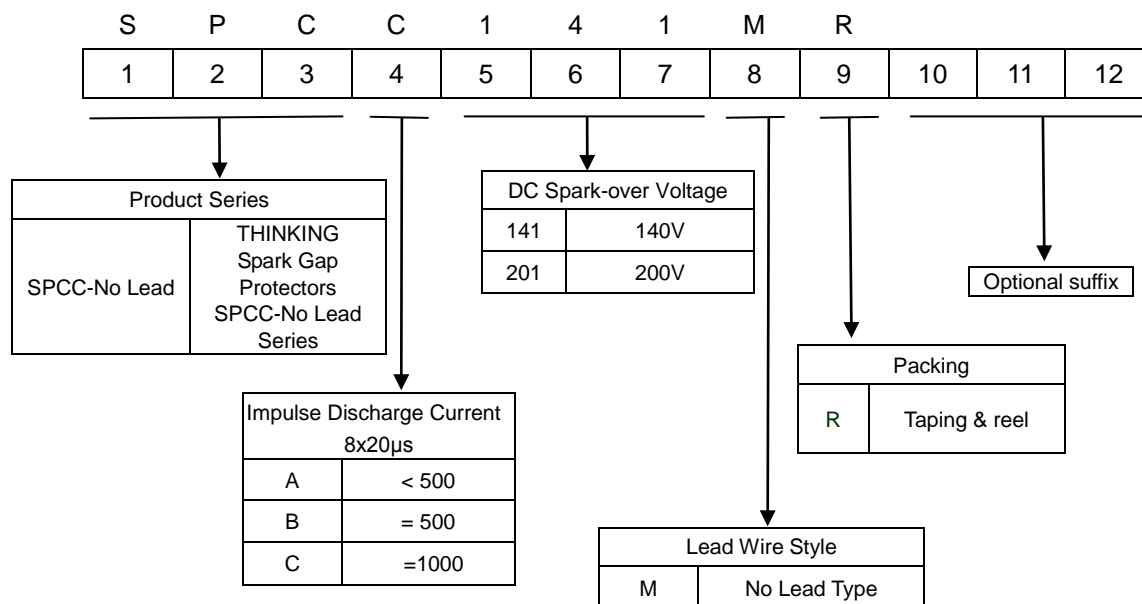
1. Small size
2. RoHS compliant and halogen-free
3. Fast response time
4. Low electrode capacitance (1pF) and high isolation (100M $\Omega$ )



### ■ Recommended Applications

1. Telephone, Fax, Modem
2. Power supplies
3. High frequency signal transmitters/receivers
4. Satellite antenna
5. Radio amplifiers
6. Alarm systems

### ■ Part Number Code



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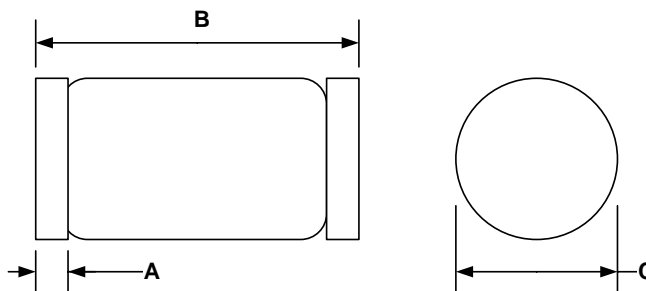


### ■ Structures and Dimensions

#### SPCC Series - No Lead Type

Unit: mm

Item	Spec	Tolerance
A	0.4	$\pm 0.1$
B	5	$\pm 0.5$
C	2.6	$\pm 0.2$



### ■ No Marking

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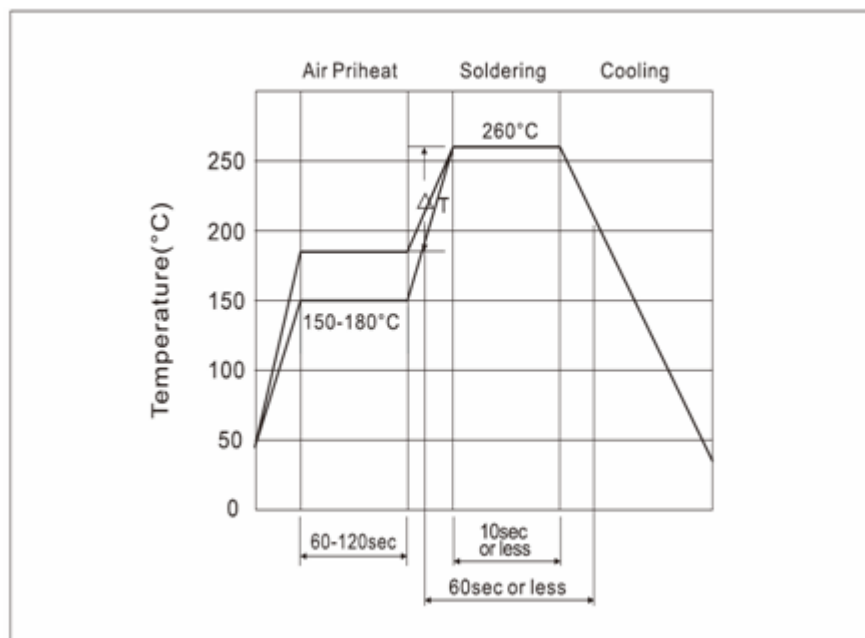


### ■ Electrical Characteristics

THINKING Part No.	DC Spark-over Voltage	Impulse Withstanding Voltage Capacity	Impulse Discharge Current 8x20 $\mu\text{s}$	Min. Insulation Resistance		Max. Capacitance
	100V/S	10x700 $\mu\text{s}$	8x20 $\mu\text{s}$	IR	DC	1KHz
	(V)	(KV)	(A)	(M $\Omega$ )	(V)	(PF)
SPCC141MR	140 $\pm$ 30%	2	1000	100	50	1.0
SPCC201MR	200 $\pm$ 20%	2	1000	100	100	1.0

### ■ Soldering Recommendation

#### ◎ IR-reflow Soldering Profile



#### ◎ Recommended Reworking Conditions with Soldering Iron:

Item	Conditions
Temperature of Soldering Iron-tip	350 $\pm$ 5 $^{\circ}\text{C}$
Soldering Time	3 sec. (max.)

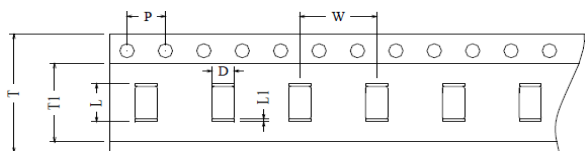
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### ■ Packaging

◎ Reel Taping : 2500pcs / Reel



Symbol	Dimension ( mm )
W	$8.0 \pm 0.1$
T	$12.0 \pm 0.3$
L	$5.1 \pm 0.2$
P	$4.0 \pm 0.1$
D	$2.7 \pm 0.2$

### ■ Warehouse Storage Conditions of Product

- Storage Condition:
  - 1.Storage Temperature:  $-10^{\circ}\text{C} \sim +40^{\circ}\text{C}$
  - 2.Working Temperature:  $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$
  - 3.Keep away from corrosive atmosphere and sunlight.
- Period of Storage: 2 years