

# Spark Gap Protectors: SPCB Series



## No Lead Type

### ■ Features

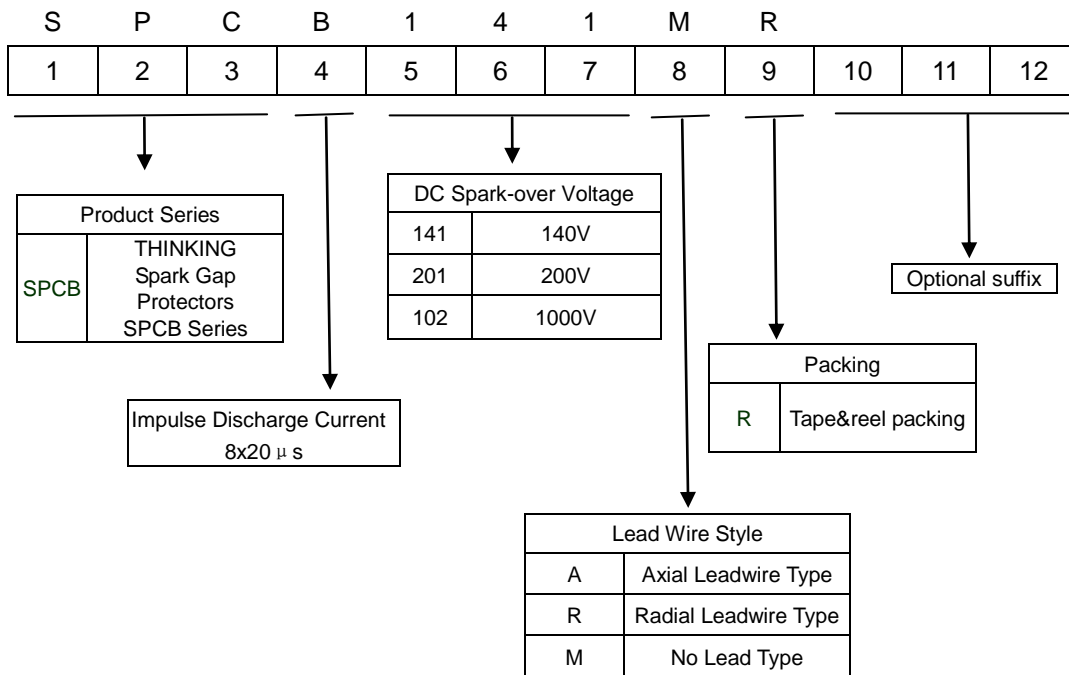
1. Small size
2. RoHS compliant and halogen-free
3. Fast response time
4. Low electrode capacitance (1pF) and high isolation (100M Ω)



### ■ 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



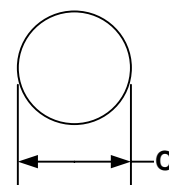
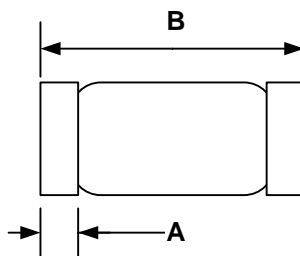
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### ■ Structures and Dimensions

#### SPCB Series

Unit: mm

Item	Spec	Tolerance
A	0.4	0.1
B	3.45	0.2
C	1.4	0.2



### ■ No Marking

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### ■ Electrical Characteristics

Thinking Part No.	DC Spark-over Voltage	Impulse Withstanding Voltage Capacity 10x700µs	Impulse Discharge Current 8x20µs	Insulation Resistance Min.DC		Capacitance Max
	VS (V)	(KV)	(A)	IR(MΩ) Min	DC(V)	(PF)
SPCB141MR	140±30%	0.5	100	100	50	1.0
SPCB201MR	200±20%	0.5	100	100	100	1.0

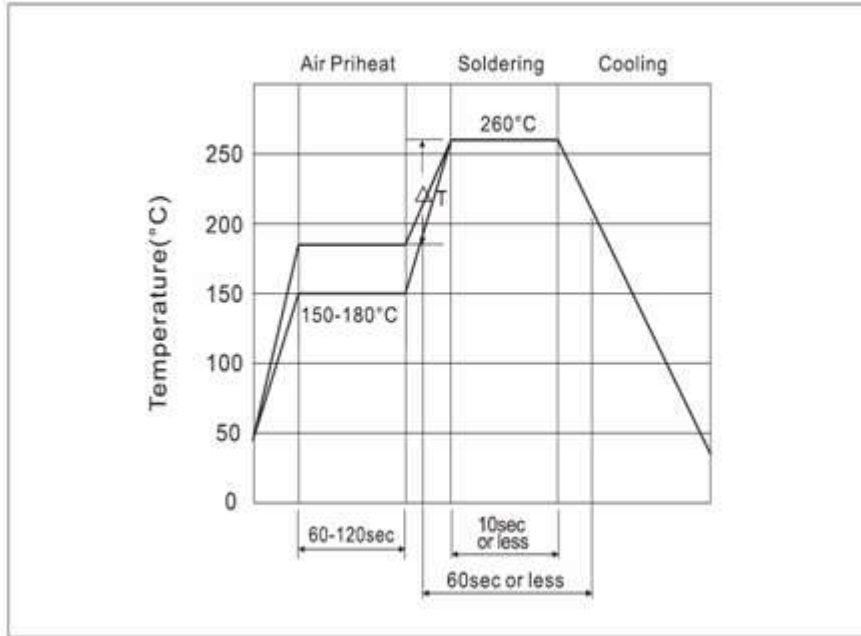
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### ■ Soldering Recommendation

#### ◎ IR-reflow Soldering Profile



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

Item	Conditions
Temperature of Soldering Iron-tip	350±5°C
Soldering Time	3 sec. (max.)

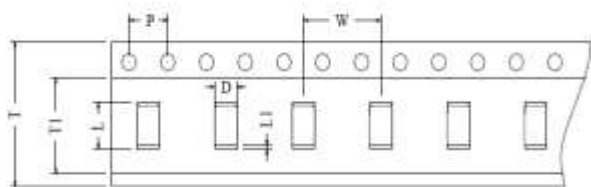
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### ■ Packaging

◎ Reel Taping : 2000pcs / Reel



Symbol	Dimension ( mm )
W	4.0±0.1
T	12.0±0.3
L	4.0±0.2
P	4.0±0.1
D	1.8±0.2

### ■ Warehouse Storage Conditions of product

- Storage Condition:
  - 1.Storage Temperature: -10°C ~+40°C
  - 2.Working Temperature:- 40°C ~+85°C
  - 3.Keep away from corrosive atmosphere and sunlight.
- Period of Storage: 2 year.