

Spark Gap Protectors: SPCC Series



No Lead Type

■ Features

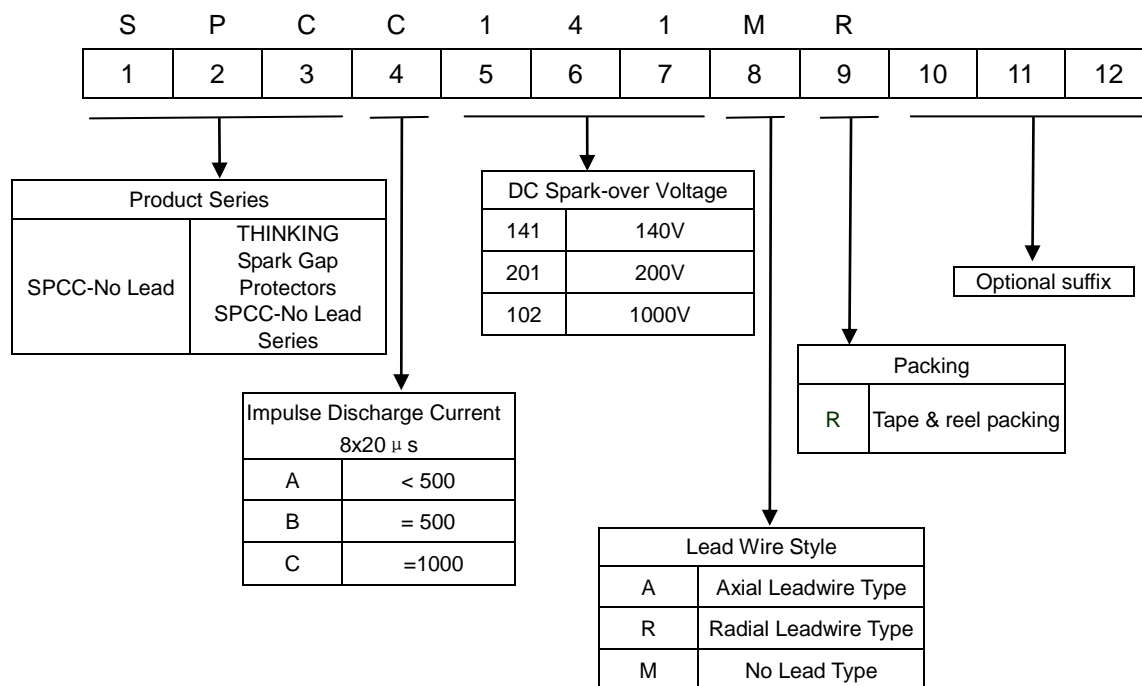
1. Small size
2. RoHS compliant and halogen-free
3. Fast response time
4. Low electrode capacitance (1pF) and high isolation (100MΩ)



■ 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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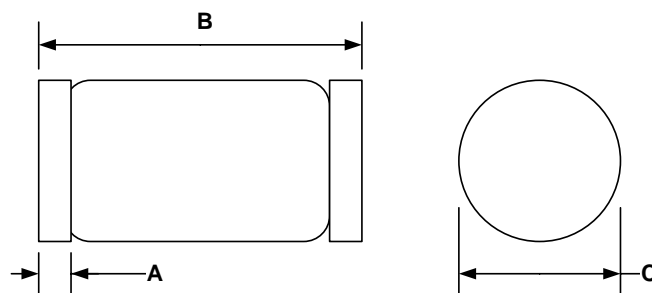


Structures and Dimensions

SPCC Series - No Lead Type

Unit:mm

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



No Marking

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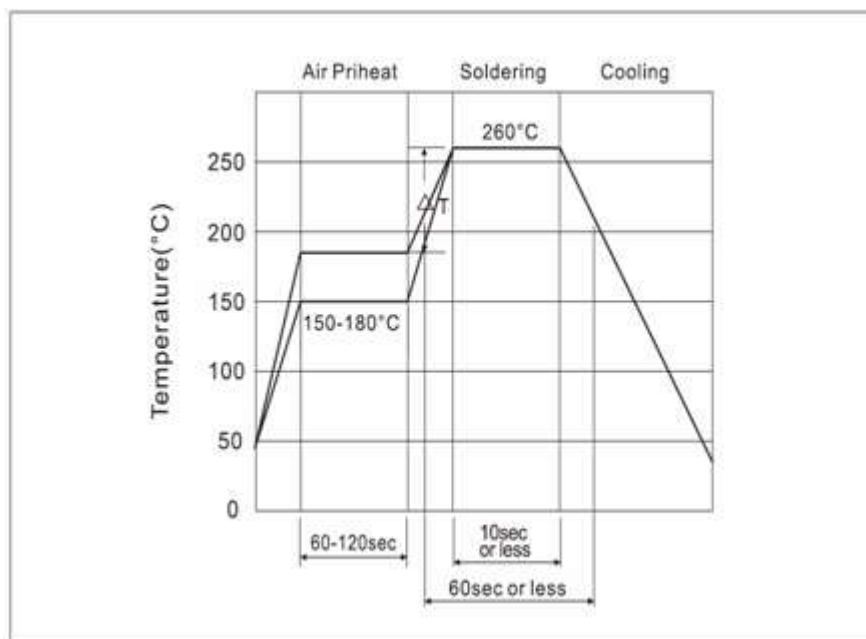


■ Electrical Characteristics

THINKING Part No.	DC Spark-over Voltage	Impulse Withstanding Voltage Capacity 10x700μs	Impulse Discharge Current 8x20 μ s	Insulation Resistance Min.DC		Capacitance Max
	VS (V)	(KV)	(A)	IR(MΩ) Min	DC(V)	(PF)
SPCC141MR	140±30%	2	1000	100	50	1.0
SPCC201MR	200±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±5°C
Soldering Time	3 sec. (max.)

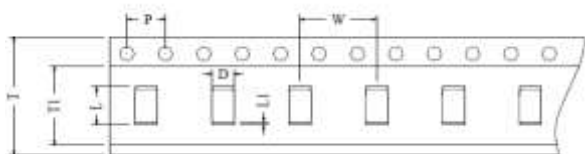
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■ Packaging

◎ Reel Taping : 2500pcs / Reel



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