

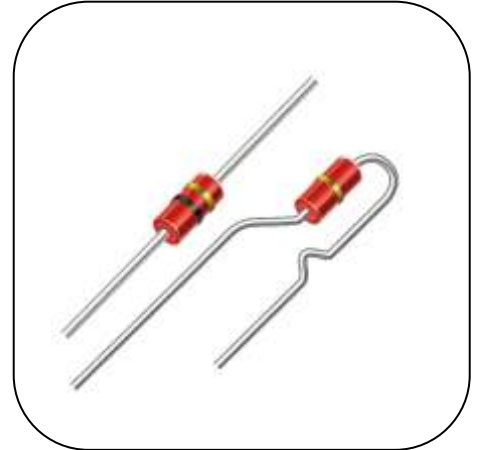
Spark Gap Protectors : SPCC-Leaded Series



Axial Leadwire Type / Radial Leadwire Type

■ Features

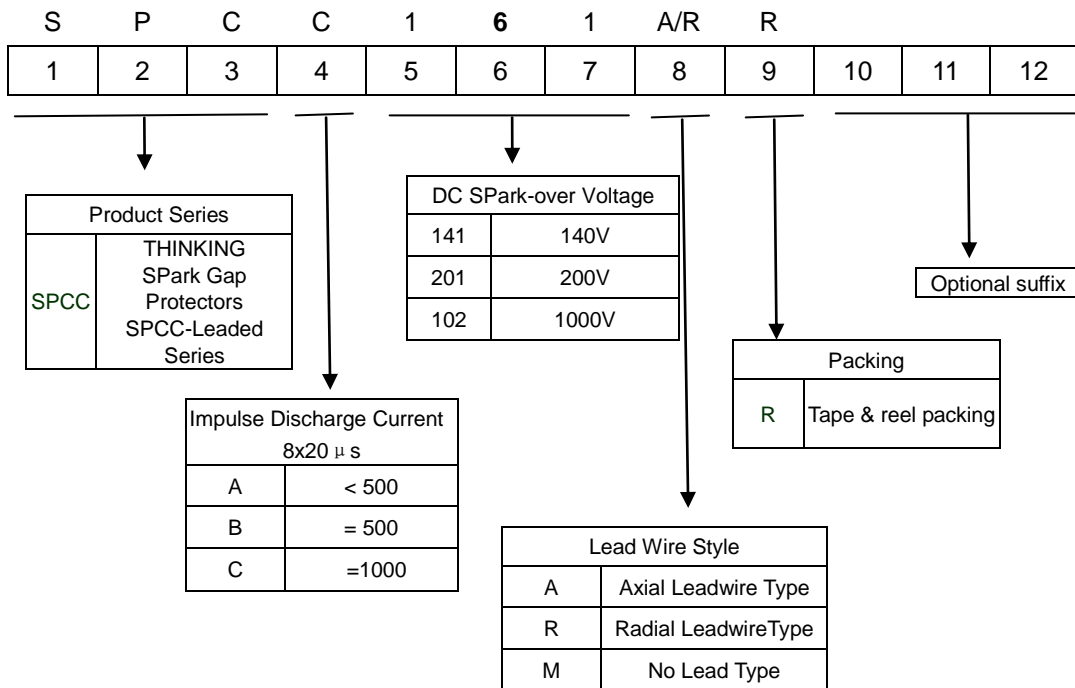
1. Small size
2. RoHS compliant and halogen-free
3. Fast response time
4. Low electrode capacitance (1pF) and high isolation (100M Ω)



■ Recommended Applications

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

■ Part Number Code



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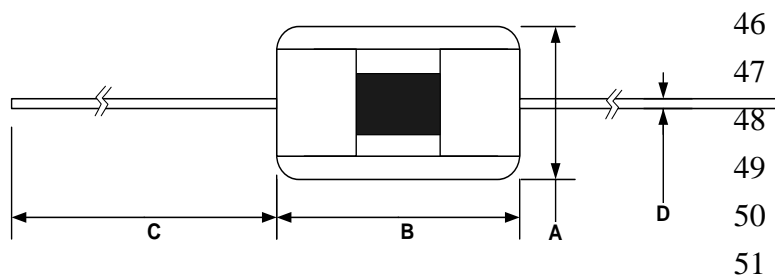
Axial Leadwire Type / Radial Leadwire Type



Structures and Dimensions

SPCC-Leaded Series

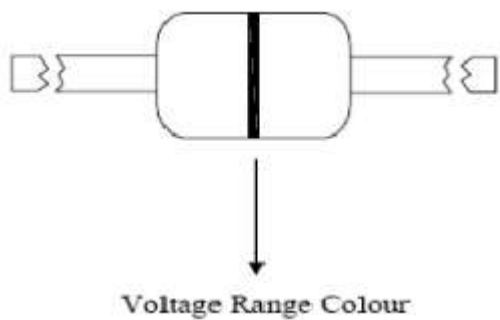
Item	Spec	Tolerance
A	$\Phi 2.6$	0.1
B	4.3	0.5
C	28.5	3
D	$\Phi 0.5$	0.05



Marking

Colour Code

Low-Voltage Series



Type	Voltage Range Colour
SPCC-141	Gold
SPCC-201	Red
SPCC-301	Orange
SPCC-401	Yellow
SPCC-501	Green
SPCC-601	Blue

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■ Electrical Characteristics

Part No. Thinking	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)
SPCC141AR	140±30%	2	1000	100	50	1.0
SPCC201AR	200±20%	2	1000	100	100	1.0
SPCC301AR	300±20%	2	1000	100	100	1.0
SPCC401AR	400±20%	2	1000	100	250	1.0
SPCC501AR	500±20%	2	1000	100	250	1.0
SPCC601AR	600±20%	2	1000	100	250	1.0

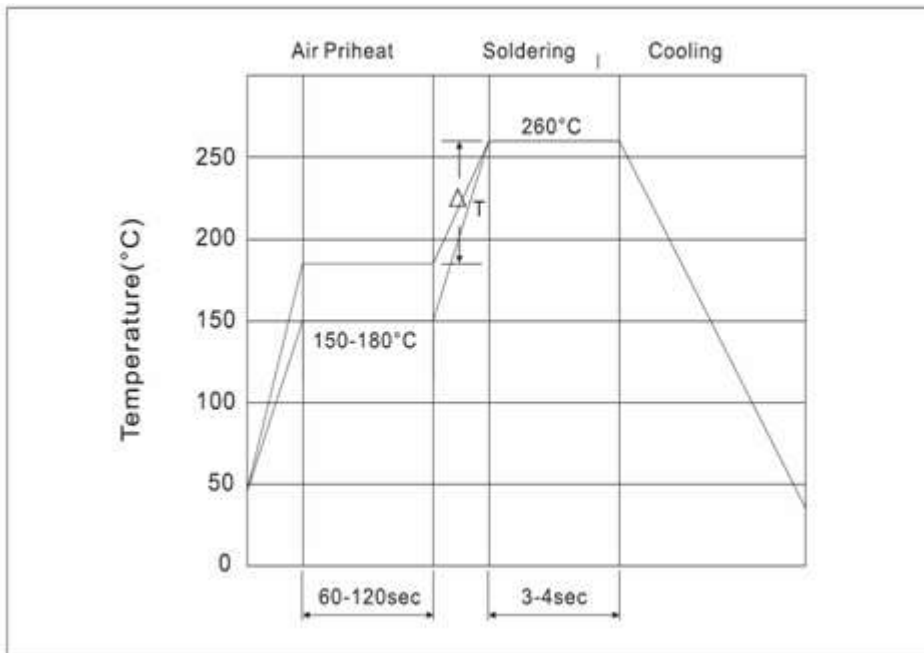
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■ Soldering Recommendation

◎ Wave Soldering Profile



◎ Recommended Reworking Conditions with Soldering Iron :

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

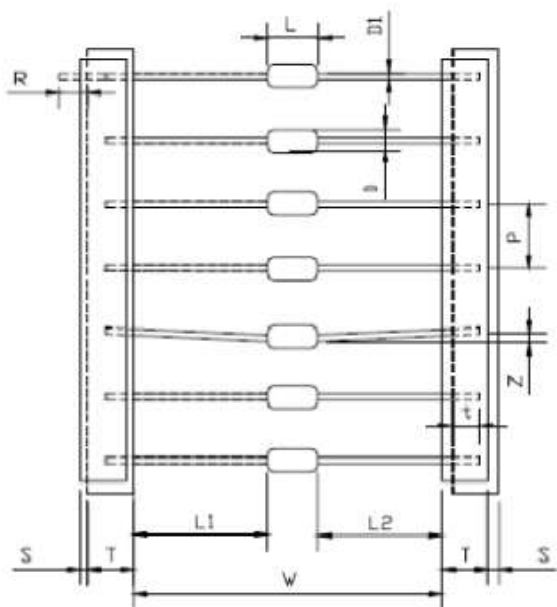
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■ Packaging - Axial Leadwire Type

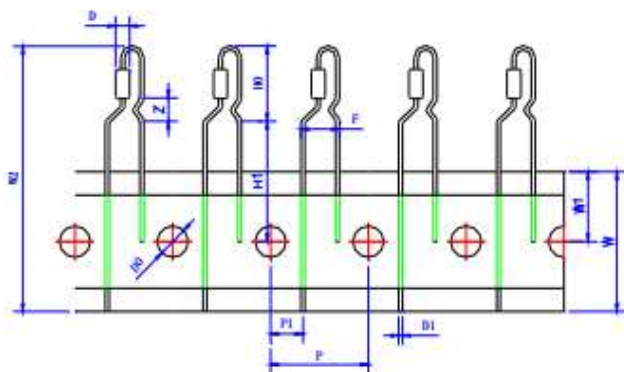
◎ Reel Taping : 2000pcs / Inner Box



Symbol	Dimension (mm)
W	52±1.5
P	5.0±0.5
L1-L2	1Max
T	6.0±1.0
Z	1.2Max
R	Terminal must not project from tape
t	3.2Max
s	0.8Max
D1	Φ0.5±0.05
L	4.8Max

■ Packaging - Radial Leadwire Type

◎ Reel Taping : 2000pcs / Inner Box



Symbol	Dimension (mm)
W1	9.0±0.5
W	18.0±0.4
W2	35±1
P	12.7±1.0
P1	3.85±0.5
F	5.0±0.8
Z	3.0±1.0
H0	12Max
H1	16.0±0.5
D0	Φ4.0±0.2
D1	Φ0.5±0.05
D	Φ2.6±0.05

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Axial Leadwire Type / Radial LeadwireType



■ 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 year.