Cylindrical SuperCaps

SCC Series

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Basic Overview

The SCC Series capacitors are cylindrically wound EDLC super capacitors. The SCC Series provides the highest energy density characteristics available at AVX. Used by themselves or in conjunction with primary or secondary batteries, they provide extended back-up time, longer battery life, and provide instantaneous power pulses as needed. This series are best used in applications requiring pulse power handling, energy storage, and energy/power hold-up.

Positioning

For most all applications that require portable power or wanting power to continue if main power system is lost.

Applications

- Camera Flash Systems
- Energy Harvesting
- GSM/GSR Pulse Applications
- UPS/Industrial
- Wireless Alarms
- Remote Metering
- Scanners
- Toys and Games

Top Selling Points

- Capacitance range: 1F – 3000F
- Operating temperatures to 85°C with voltage derating
- RoHS Compliant
- Supplied in loose in bag or box

Unique Features

- Radial leads from 1F – 100F
- Solder terminals 100F – 400F
- Screw terminal 360F – 3000F

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How to Order

SCC	R	12	B	105	S	R	B	_
Series	**Diameter**	**Case Length**	**Voltage Code**	**Capacitance Code**	**Tolerance**	**Lead Format**	**Package**	**Custom Code**
SuperCap Cylindrical	Q=6.3mm	Two digits Represent case Length in mm, With the exception Of the following:	B = 2.7V	1st two digits represent significant figures 3rd digit represents multiplier (number of zeros to follow)	M = ±20%	R = Radial	B = Bulk	_ = No Change
	R = 8mm				S = +30%/-10%	S = Solder Pin		XX = Per Spec
	S = 10mm	1A = 120mm			V = +25%/-5%	C = Cylindrical		
	T = 12.5mm	1E = 138mm						
	U = 16mm	1F = 165mm						
	V = 18mm							
	W = 22mm							
	X = 30mm							
	Y = 35mm							
	Z = 60mm							

LEAD-FREE COMPATIBLE COMPONENT

RoHS COMPLIANT

For RoHS compliant products, please select correct termination style.

Series Cross

AVX Series	Competitor	Competitor Series
SCC	Maxwell	HC
	Eaton	HV

FAQs

Q: What safety approvals does the FV series have?
A: UL.

Q: Is the FV series UL910A rated?
A: Yes.

Contact Information

North America	Europe	Asia
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