

# SuperCap Modules

## SCM Series



### Datasheet Link

<http://datasheets.avx.com/AVX-SCM.pdf>

Or visit: [www.avx.com](http://www.avx.com)

### Scan Code for Web Page



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### Basic Overview

The SCM Series capacitors are cylindrically wound EDLC Super Capacitors. The SCM 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. The SCM 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 the 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: 0.47F – 7.5F
- Operating temperatures to 85°C with voltage derating
- RoHS Compliant
- Supplied loose in bag or box

### Unique Features

- Offered in balanced or unbalanced versions

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### How to Order

<b>SCM</b>	<b>R</b>	<b>14</b>	<b>C</b>	<b>474</b>	<b>M</b>	<b>R</b>	<b>B</b>	<b>A</b>	<b>0</b>
<b>Series</b> SuperCap Module	<b>Diameter</b> R = 8mm S = 10mm T = 12.5mm	<b>Case Length</b> Two digits Represent case Length in mm	<b>Voltage Code</b> C = 5.0V D = 5.4V	<b>Capacitance Code</b> 1st two digits represent significant figures 3rd digit represents multiplier (number of zeros to follow)	<b>Tolerance</b> M = ±20%	<b>Package/Lead Format</b> R = Shrink Wrap/Radial S = Plastic/Radial	<b>Package</b> B = Bulk	<b>Balancing</b> A = Unbalanced B = Passive Balanced	<b>Mounting</b> 0 = Vertical 1 = Horizontal

### Series Cross

AVX Series	Competitor	Competitor Series
SCM	NessCap	EMHSR
	Eaton	PHV

### FAQs

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

Q: Is the SCM series UL810A rated?  
A: Yes. The body is comprised of a flame-retardant thermoplastic case and sealed epoxy resin.

### Contact Information

North America

Europe

Asia

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