

# Radial Leads/SkyCap®/SR Series



## GENERAL INFORMATION

### AVX SR Series

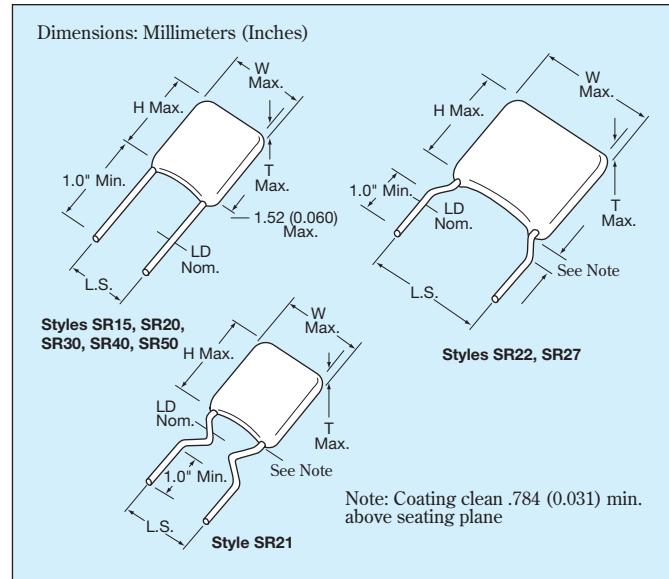
#### Conformally Coated Radial Leaded MLC

**Temperature Coefficients:** C0G (NPO), X7R, Z5U

**200, 100, 50 Volts (300V, 400V & 500V also available)**

**Case Material:** Epoxy

**Lead Material:** RoHS Compliant, 100% Tin



## HOW TO ORDER

**SR21**

**5**

**E**

**104**

### AVX Style

SR15  
SR20  
SR21  
SR22  
SR27  
SR30  
SR40  
SR50  
5 = 50V  
1 = 100V  
2 = 200V  
9 = 300V  
8 = 400V  
7 = 500V

### Voltage

A = C0G (NPO)  
C = X7R  
E = Z5U

### Temperature Coefficient

First two digits are the significant figures of capacitance. Third digit indicates the additional number of zeros. For example, order 100,000 pF as 104. (For values below 10pF use "R" in place of decimal point, e.g., 1R4 = 1.4pF.)

**Capacitance**

**M**

**A**

**R**

**TR1**

### Capacitance Tolerance

COG (NPO):  
X7R:  
C =  $\pm .25\text{pF}$   
D =  $\pm .5\text{pF}$   
F =  $\pm 1\%$   
( $>50\text{pF}$  only)  
G =  $\pm 2\%$   
( $>25\text{pF}$  only)  
J =  $\pm 5\%$   
K =  $\pm 10\%$   
J =  $\pm 5\%$   
Z5U:  
M =  $\pm 20\%$   
Z =  $+80\%$   
-20%

### Failure Rate

A = Not Applicable

### Leads

R = RoHS  
Long Lead  
1.0" minimum

### Packaging

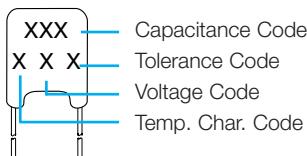
Blank = Bulk Packaging  
T = Trimmed Leads  
.230"  $\pm$  .030"  
Bulk packaging  
TR1 = Tape and Reel  
Packaging  
AP1 = Ammopack  
Packaging

See packaging specification page 33-34.

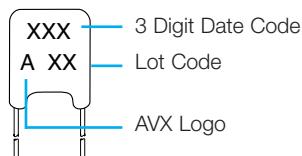


## MARKING

### FRONT



### BACK



## PACKAGING REQUIREMENTS

	Quantity per Bag
SR15, 20, 21, 22, 27, 30	1000 Pieces
SR40, 50	500 Pieces

Note: SR15, SR20, SR21, SR30, and SR40 available on tape and reel per EIA specifications RS-468. See Pages 33 and 34.