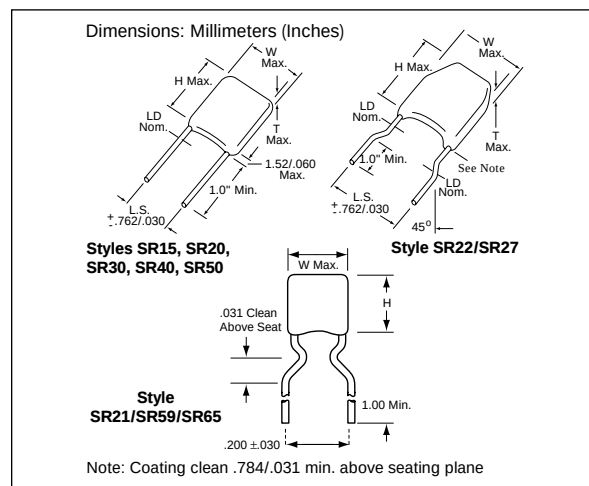


SR Series



Standard Packaging

	BULK	TAPE & REEL 14"	AMMO
SR15	1,000	3,500	3,500
SR20	1,000	3,000	3,000
SR21	1,000	3,000	3,000
SR22	1,000	N/A	N/A
SR27	1,000	N/A	N/A
SR30	1,000	2,000	2,000
SR40	500	2,000	2,000
SR50	500	N/A	N/A

Dimensions: millimeters (inches)

AVX Style	SR15	SR20	SR21	SR22	SR27	SR30	SR40	SR50
AVX "Insertable"	SR07	SR29	SR59	N/A	N/A	SR65	SR75	N/A
Width (W)	3.81 (0.150)	5.08 (0.200)	5.08 (0.200)	5.08 (0.200)	6.604 (0.260)	7.62 (0.300)	10.16 (0.400)	12.70 (0.500)
Height (H)	3.81 (0.150)	5.08 (0.200)	5.08 (0.200)	5.08 (0.200)	6.35 (0.250)	7.62 (0.300)	10.16 (0.400)	12.70 (0.500)
Thickness (T)	2.54 (0.100)	3.175 (0.125)	3.175 (0.125)	3.175 (0.125)	4.06 (0.160)	3.81 (0.150)	3.81 (0.150)	5.08 (0.200)
Lead Spacing (L.S.)	2.54 (0.100)	2.54 (0.100)	5.08 (0.200)	6.35 (0.250)	7.62 (0.300)	5.08 (0.200)	5.08 (0.200)	10.16 (0.400)
Lead Diameter (L.D.)	.508 (0.020)	.508 (0.020)	.508 (0.020)	.508 (0.020)	.508 (0.020)	.508 (0.020)	.508 (0.020)	.635 (0.025)

Capacitance Range

Size	Capacitance Range	NP0			X7R			Z5U	
		50V	100V	200V	50V	100V	200V	50V	100V
SR15	Min. Max.	330pF 1000pF	100pF 680pF	1.0pF 220pF	470pF .022μF	470pF .01μF	470pF 3300pF	.01μF .047μF	.01μF .01μF
SR20	Min. Max.	1500pF 8200pF	1000pF 6800pF	330pF 2200pF	.033μF 0.22μF	.015μF 0.1μF	470pF .033μF	0.1μF 1.0μF	.047μF .22μF
SR21	Min. Max.	1000pF 8200pF	330pF 6800pF	1.0pF 2200pF	1000pF 0.22μF	1000pF 0.1μF	— —	.01μF 1.0μF	.01μF .22μF
SR22	Min. Max.	1000pF 8200pF	330pF 6800pF	1.0pF 2200pF	1000pF 0.22μF	1000pF 0.1μF	— —	.01μF 1.0μF	.01μF .22μF
SR27	Min. Max.	1000pF 6800pF	330pF 3900pF	1.0pF 2200pF	1000pF 0.22μF	1000pF 0.1μF	— —	.01μF 1.0μF	.01μF .22μF
SR30	Min. Max.	.01μF .033μF	8200pF .022μF	— —	.33μF 1.0μF	.15μF .47μF	470pF .22μF	.68μF 3.3μF	.33μF 1.0μF
SR40	Min. Max.	.039μF .068μF	.033μF .047μF	— —	2.2μF 2.7μF	1.0μF 1.0μF	470pF .39μF	4.7μF 4.7μF	1.5μF 2.2μF
SR50	Min. Max.	.01μF .1μF	.01μF .068μF	— —	1.0μF 4.7μF	.33μF 2.2μF	470pF .39μF	1.0μF 4.7μF	1.0μF 2.2μF

HOW TO ORDER

SR21 5 E 104 M A A TR 1

- ① **AVX Style and Size:** SR15, SR20, SR21, SR22, SR27, SR30, SR40, SR50
- ② **Voltage:** 50V = 5, 100V = 1, 200V = 2
- ③ **Dielectric:** NP0 = A, X7R = C, Z5U = E
- ④ **Capacitance Code**
- ⑤ **Tolerance:** NP0: C = ±.25pF, D = ±.5pF, F = ±1.0%(>50pF only), G = ±2.0%(>25pF only), J = ±5%, K = ±10%
X7R: J = ±5%, K = ±10%, M = ±20%
Z5U: M = ±20%, Z = +80%, -20%
- ⑥ **Failure Rate:** A = Not Applicable, T = CECC Release
- ⑦ **Leads:** T = Trimmed Leads, .230"±.030"
A = Long Leads, 1.0" minimum
- ⑧ **Packaging:** Bulk = Blank
Tape and Reel = TR1 (Standard 1) or TR2 (Standard 2)
Ammo = AP1 (Standard 1) or AP2 (Standard 2)

Marking is as size permits in descending order.
(For code identification, see How to Order section)

- Capacitance Code
- Tolerance Code
- A (AVX)
- Voltage Code
- Temperature Coefficient Code
- 3-Digit EIA Date Code/Lot Code