

The ECS-SR-A Series SMD ceramic resonator is an excellent low cost frequency control solution when absolute frequency accuracy is not important.

[Request a Sample](#)

### OPERATING CONDITIONS / ELECTRICAL CHARACTERISTICS



Part Number *	Frequency Range (MHz)	Frequency Accuracy @25°C (%)	Frequency Stability -20 ~ +80°C (%)	Aging for Ten Years (%)	Resonant Resistance (Ω) MAX	Insulation Resistance @ 10VDC
ECS-SR1□.□□-A	2.00 ~ 8.00	±0.5	±0.3	±0.3	40	100 M Ω Min.
ECS-SR2□.□□-A	8.10 ~ 13.00	±0.5	±0.3	±0.3	30	100 M Ω Min.
ECS-SR3□.□□-A	13.10 ~ 20.00	±0.5	±0.3	±0.3	30	100 M Ω Min.
ECS-SR4□.□□-A	20.10 ~ 30.00	±0.5	±0.3	±0.3	55	100 M Ω Min.

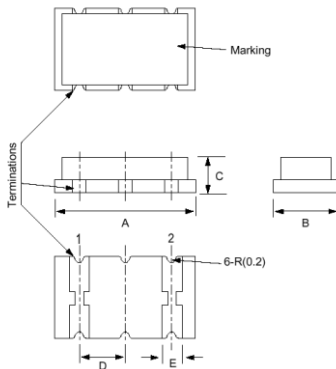
Complete part number to include frequency

- Low Profile
- RoHS Compliant (Note 7 Exemption)
- Tape and Reel Packaging

### Part Numbering Guide: ECS-SR1-4.00-A-TR

ECS	Series	Frequency	Version	Packaging
ECS	SR1 = 2 ~ 8 MHz SR2 = 8.1 ~ 13 MHz SR3 = 13.1 ~ 20 MHz SR4 = 20.1 ~ 30 MHz	4.00 = 4.00 MHz	A = SR-A Series	TR = Tape & Reel 2,500/Reel

### Package Dimensions (mm)



Pin Connections	
#1	In/Out
#2	Out/In

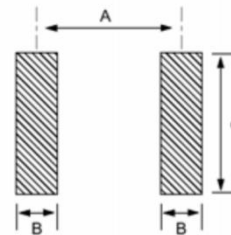


Figure 2) Land Pattern

Figure 1) Top, Side, and Bottom End Views

Package Type	Dimensions (mm)				
	A	B	C	D	E
ECS-SR1	7.5	3.3	1.8	2.5	1.5
ECS-SR2	8.3	3.5	1.8	2.5	1.0
ECS-SR3	6.0	3.5	1.8	1.9	1.2
ECS-SR4	6.0	5.0	1.8	1.9	1.2

Package Type	Dimensions (mm)		
	A	B	C
ECS-SR1	5.0	1.7	4.0
ECS-SR2	5.0	1.2	4.7
ECS-SR3	3.8	1.2	4.2
ECS-SR4	3.8	1.2	5.5