

The ECS-SR-B Series SMD ceramic resonator includes built in capacitors for reduced component count. The SMD Ceramic resonator is an excellent low cost frequency control solution when absolute frequency accuracy is not important.

ECS-SR-B SMD Ceramic Resonator



OPERATING CONDITIONS / ELECTRICAL CHARACTERISTICS

Frequency



Part Number *	Frequency Range (MHz)	Accuracy @25°C (%)	Stability -20 ~ +80°C (%)	Aging for Ten Years (%)	ESR (Ω) MAX	Built-in Capacitance (C1 & C2)	Insulation Resistance @ 10VDC
ECS-SR1-□∎□□-B	2.00 ~ 8.00	±0.5	±0.3	±0.3	40	30 pF	100 M Ω Min

Complete part number to include frequency

- Low Profile SMD package
- RoHS Compliant (Note 7 Exemption)
- Built-in Load Capacitor
- Tape and Reel Packaging

Part Numbering Guide: ECS-SR1-4.00-B-TR

ECS	- Series	- Frequency	- Version -	Packaging
ECS	SR1 = 2 ~ 8 MHz	4.00 = 4.00 MHz	B = SR-B Series	TR = Tape & Reel 2,500/Reel

Package Dimensions (mm)





Figure 2) Land Pattern

Figure 1) Top, Side, Bottom, and End Views

Package	Dimensions (mm)					
Туре	Α	В	С	D	E	
ECS-SR1	7.5	3.3	2.2	2.5	1.5	

Package		Dimens		
Туре	Α	В	С	С
ECS-SR1	2.5	1.5	4.0	1.7