

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

### 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.                  |

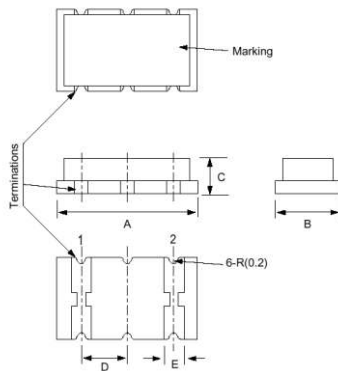
Complete part number to include frequency

- 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 | 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 |

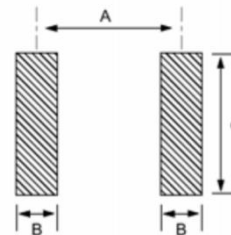


Figure 2) Land Pattern

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 |

| Package Type | Dimensions (mm) |     |     |
|--------------|-----------------|-----|-----|
|              | A               | B   | C   |
| ECS-SR1      | 5.0             | 1.7 | 4.0 |