SMD Tuning Fork Crystal Resonators / kHz Band Crystal Resonators

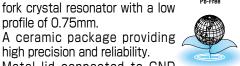
DST311S/DST310S/DST410S





DST311S Actual size DST310S Actual size 👝 🗨





Metal lid connected to GND RoHS Compliant terminal to reduce EMI (DST311S).

Noise sensitive application (smart meter etc.) (DST311S).

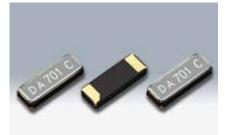
high precision and reliability.

- Series Resistance 50kΩ max. available (DST311S, DST310S).
- AEC-Q200 Compliant (DST310S, DST410S)

profile of 0.75mm.

■ Applications

- Mobile communications, PDA, wave clock, digital appliance.
- Automotive applications such as multimedia device (AEC-Q200 Compliant).



■ Standard Specification

Item Type	DST311S	DST310S	DST410S
Frequency Range	32.768kHz		
Load Capacitance	9pF, 10pF, 12.5pF		
Drive Level	0.2μW (1.0μW max.)		
Frequency Tolerance	±20×10 ⁻⁶ , ±30×10 ⁻⁶ , ±50×10 ⁻⁶ , ±100×10 ⁻⁶ (at 25°C)		
Series Resistance	50kΩ max./80kΩ max.		80kΩ max.
Turnover Temperature	+25°C±5°C		
Parabolic Coefficient	-0.04×10 ⁻⁶ /°C ² max.		
Operating Temperature Range	-40∼+85℃		
Storage Temperature Range	−40 ~+85°C		
Shunt Capacitance	O.9pF typ. 1.3pF typ.		
Packing Unit	3000pcs./reel (\$\phi\$180)		

Consult our sales representative for other specifications.

■ DST311S

■ DST310S

■ DST410S

