

SMD Tuning Fork Crystal Resonators / kHz Band Crystal Resonators

DMX-26S



Actual size

■ Features

- Plastic molded SMD tuning fork crystal of heat-resistance DT-26 and DT-261
- Automatic mounting and reflow soldering applicable.
- Suitable for digital AV equipment, PC, gaming equipment as well as many other applications.
- AEC-Q200 Compliant



■ Standard Specification

Item	Type	DMX-26S
Frequency Range		32.768kHz (30 to 90kHz)
Load Capacitance		7pF, 9pF, 12.5pF
Drive Level		1.0μW (2.0μW max.)
Frequency Tolerance		±20×10 ⁻⁶ (at 25°C)
Series Resistance		50kΩ max. (1)
Turnover Temperature		+25°C±5°C (1)
Parabolic Coefficient		-0.04×10 ⁻⁶ /°C ² max.
Operating Temperature Range		-40 to +85°C
Storage Temperature Range		-40 to +85°C
Shunt Capacitance		1.25pF typ. (1)
Packing Unit (2)		2500pcs./reel (φ330)

(1) custom specification will be provided for the frequency other than 32.768kHz.

Consult our sales representative for other specifications.

(2) Moisture prevention packing is unnecessary.

Moisture Sensitivity Level : LEVEL 1(IPC/JEDEC J-STD-033)

[mm]

■ Dimensions

Top View Dimensions:
 Total length: 8.0+0/-0.2 mm
 Pin spacing: 5.5±0.1 mm
 Total width: 3.8±0.2 mm
 Pin width: 3.2±0.2 mm
 Pin height: 0.5±0.1 mm
 Bottom view width: 0.6±0.1 mm

■ Internal Connections

<Top View>

#2 & #3 open (unconnected)

■ Recommended Land Pattern

<Top View>

Land Pattern Dimensions:
 Pad spacing: 5.5 mm
 Pad width: 1.3 mm
 Pad height: 1.9 mm
 Pad length: 3.2 mm