



## SMD TUNING FORK QUARTZ CRYSTAL UNITS

### FS-1 TYPE 32.768KHz

#### Standard Specifications

<b>Nominal Frequency</b>	<b>32.768 KHz</b>
<b>Frequency Tolerance</b>	<b>±20 ppm (at 25°C±3°C)</b>
<b>Load Capacitance</b>	<b>12.5 pF</b>
<b>Equivalent Series Resistance</b>	<b>50 KOhms (Max.)</b>
<b>Drive Level</b>	<b>1 μW (Max.)</b>
<b>Shunt Capacitance</b>	<b>2.0 pF (Typ.)</b>
<b>Operating Temperature Range</b>	<b>-40°C~+85°C</b>
<b>Storage Temperature Range</b>	<b>-55°C~+125°C</b>
<b>Turnover Temperature</b>	<b>25°C±5°C</b>
<b>Temperature Coefficient</b>	<b>-0.034±0.006ppm/°C<sup>2</sup></b>
<b>Aging (First Year)</b>	<b>±5ppm(at 25°C)</b>

