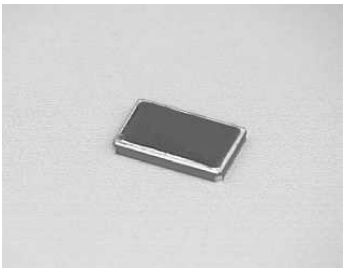
# HC3225



Features:

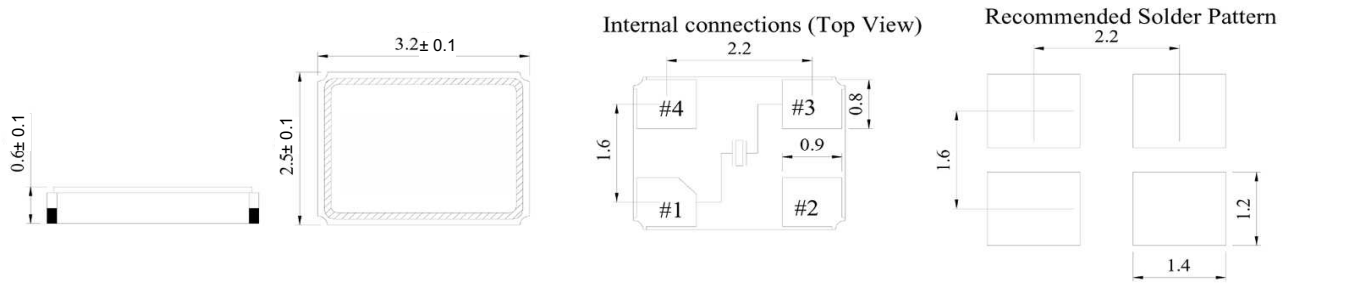
- Application: Bluetooth, wireless LAN
- Ultra-thin and small leadress type
- Automatic mounting is enabled by emboss taping

| Specifications | | | |
|---|---|---|---|
| | *Symbol* | *HC3225* | *Remarks* |
| Frequency range | f | 16.000MHz ~ 40.000MHz | Fundamental mode |
| | | - | |
| Frequency tolerance,Ta=25°C | f/f | ± 10ppm ~ ± 30ppm | Please specify |
| Load capacitance | $C_L$ | Series, 10pf, 12pF, 16pF | Please specify |
| Temperature tolerance | f/f | ± 10ppm ~ ± 30ppm | Please specify |
| Storage temperature range | $T_{STG}$ | -40°C ~ +85°C | |
| Operating temperature range | $T_{OPR}$ | -10°C ~ +60°C; -20°C ~ 70°C | Others are offered |
| Maximum drive level | $M_{DL}$ | 100 W | |
| Recommended drive level | $R_{DL}$ | 10 W | |
| Series resistance | $R_1$ | As per table | 25°C |
| Shunt capacitance | $C_0$ | 3pF | |
| Insulation resistance | $I_R$ | 500M Ohm | 100Vdc |
| Aging | $f_A$ | ±1 ~ ± 3ppm/Year | |

| Resistance of series resonance (ESR) | | | | | | |
|---|---|---|---|---|---|---|
| *Frequency (MHz)* | *Mode* | *Ohm* | | *Frequency (MHz)* | *Mode* | *Ohm* |
| 16 | Fundamental | 100 | | 27 | Fundamental | 80 |
| 24 | Fundamental | 80 | | 32 | Fundamental | 60 |

Drawing

HC3225




Dimensions in mm

| Order key | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **Q** | **- 40.000000M** | **- HC3225** | **- F** | **- 30** | **- 30** | **- D** | **- 16** | **- TR** |
| **Part** | **Frequency** | **Package** | **Mode of oscillation** | **Frequency tolerance** | **Temperature tolerance** | **Temperature range** | **Load capacitance** | **Option** |
| Q=Quartz | M=MHz | HC3225 | F=fund. | +/-ppm (25°C) | +/-ppm (Temp. range) | A= 0°C ~ 70°C<br>B=-10°C ~ 60°C<br>C=-10°C ~ 70°C<br>D=-20°C ~ 70°C<br>I=-10°C ~ +50°C | pF<br>SR=series | TR=Tape and reel<br>X=Special options |

Remarks: All specifications subject to change without notice!