

actual size

Built-in Capacitor MHz Band SMT Resonator

JTTCC - MG series

f_0 : 2.0 ~ 8.0 MHz

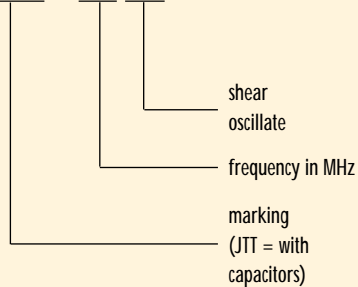
features

- ceramic package
- for reflow soldering
- higher frequencies on request
- max. 1.8 mm height

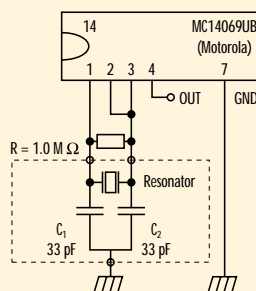
| type | JTTCC - MG |
|---------------------------------------|---|
| frequency range (MHz) | 2.0 ~ 8.0 |
| internal capacitance C_1 | 30 pF (Typ.) |
| internal capacitance C_2 | 30 pF (Typ.) |
| frequency tolerance at 25 °C | ± 0.5% |
| frequency stability (-20 °C ~ +80 °C) | ± 0.3% |
| aging rate | ± 0.3% max. (10 years) at initial value |
| resonant resistance (maximum) | 200 Ω at 2.00 ~ 2.99 MHz 50 Ω at 3.00 ~ 3.49 MHz 30 Ω at 3.50 ~ 8.00 MHz |
| standard frequencys (MHz) | 2.0 / 3.0 / 3.58 / 3.68 / 4.0 / 4.19 / 4.91 / 5.0 / 6.0 / 8.0 |
| standard package unit | 4000 pcs. tape and reel |

order information

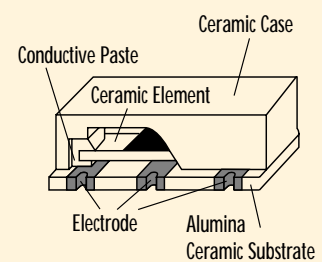
JTTCC - 4.0 MG



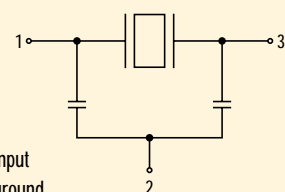
test circuit 2.00 ~ 8.00 MHz



structure



pin connection



1 = input

2 = ground

3 = output

Note: Pads 1 and 3 are interchangeable

JTTCC - MG series

