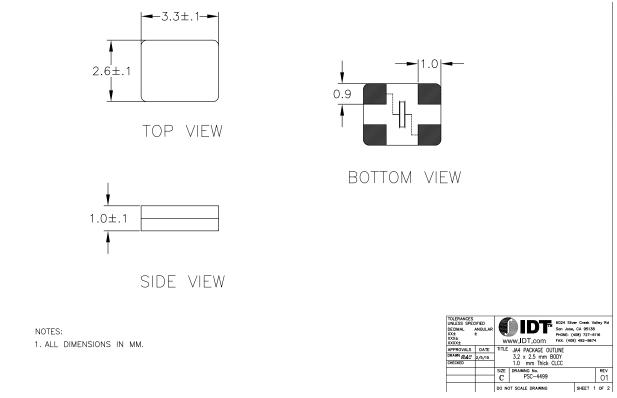
RENESAS 25MHz 3.2 x 2.5mm Reference Crystal

DATASHEET

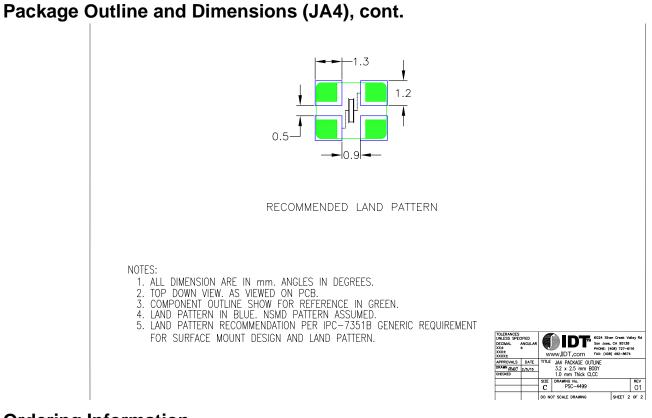
Specifications

| Parameters | Ratings/Units | |
|---|--------------------|--|
| Frequency | 25.000 MHz | |
| Resonance Mode | Fundamental | |
| Frequency Tolerance @ 25°C | ±20 PPM Max | |
| Frequency Stability, ref @ 25°C Over Operating Temperature Range | ±20 PPM Max | |
| Temperature Range, Operating (TOPR) | -40°C ~ +85°C | |
| Temperature Range, Storage (TSTG) | -40°C ~ +85°C | |
| Equivalent Series Resistance (ESR) | 50 Ohms Max | |
| Shunt Capacitance (Co) | 5 pF Max | |
| Load Capacitance (CL) | 12 pF | |
| Drive Level | 0.1 mW Max | |
| Aging over 10 years | ±5 PPM Max | |
| Maximum Soldering Temp / Time | 260°C / 10 Seconds | |
| Moisture Sensitivity Level (MSL) | 1 | |
| Termination Finish: | Au | |
| Weight (TYP) | 16.75 mg | |
| RoHS Compliant, Pb-free | | |

Package Outline and Dimensions (JA4)



RENESAS



Ordering Information

| Part / Order Number | Shipping Packaging | Package | Temperature |
|---------------------|--------------------|-----------------------------|---------------|
| 603-25-173JA4I | Cut-Tape | 3.2 x 2.5 x 1.0 mm JA4 CLCC | -40 to +85 °C |
| 603-25-173JA4I8 | Tape and Reel | 3.2 x 2.5 x 1.0 mm JA4 CLCC | -40 to +85 °C |

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