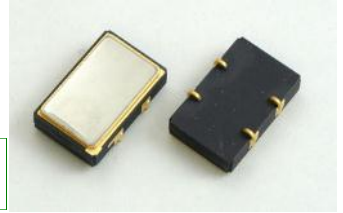


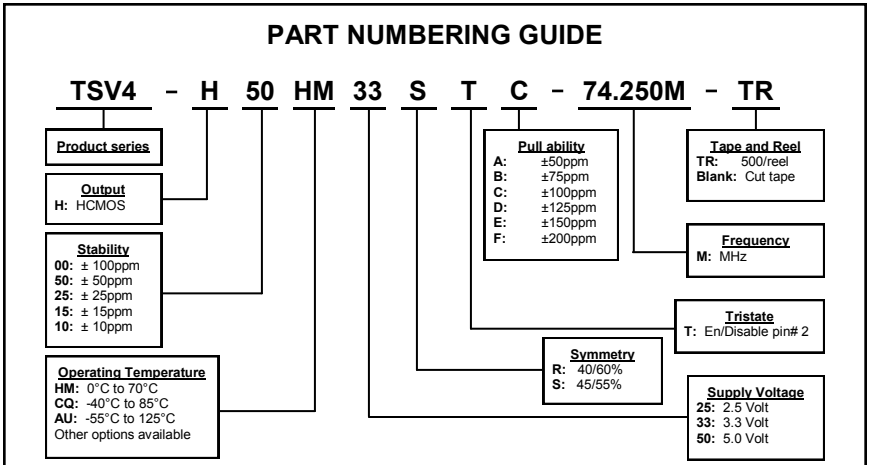
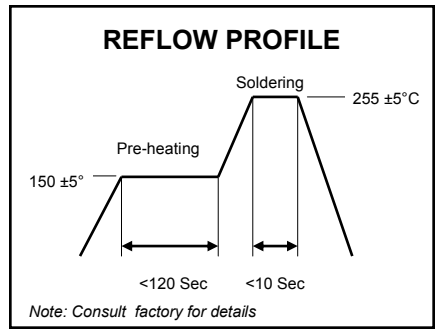
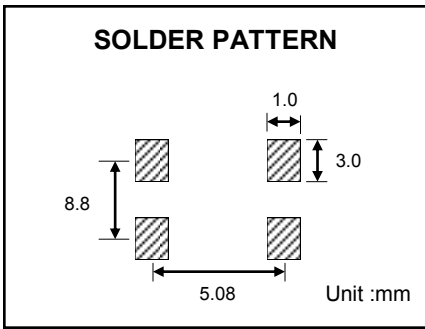
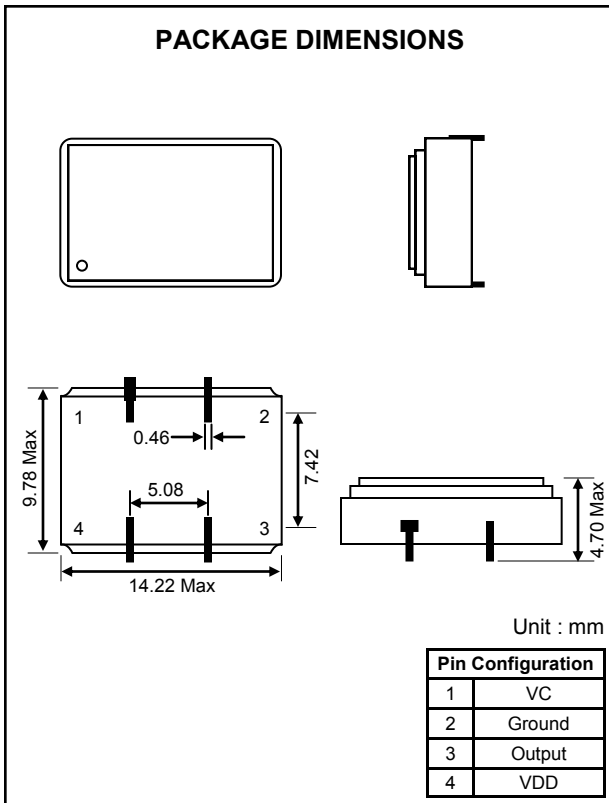
CERAMIC SMD HCMOS VCXO (14.3 x 9.8 x 4.7mm)
FEATURES:

- HCMOS HIGH FREQUENCY RANGE
- LOW JITTER / LOW CURRENT
- SUITABLE FOR REFLOW

RoHS
Compliant



| MODEL | TSV4 | |
|------------------------|--------------------------------|------------------------|
| INPUT VOLTAGE | 3.3 Vdc ±10% | 5.0 Vdc ±10% |
| FREQUENCY RANGE | 1.000 MHz ~ 160.000 MHz | 1.000 MHz ~ 70.000 MHz |
| TEMPERATURE STABILITY | ±25 ppm ~ ±100 ppm | |
| OPERATING TEMPERATURE | 0°C ~ 70°C to -40°C ~ 85°C | |
| STORAGE TEMPERATURE | -55°C to 125°C | |
| INPUT VOLTAGE | | |
| INPUT CURRENT | 60 mA Max. | 80 mA Max. |
| OUTPUT '0' LEVEL (Vol) | 0.1 Vcc Max | |
| OUTPUT '1' LEVEL (Voh) | 0.9 Vcc Min | |
| SYMMETRY | 45/55% or 40/60% | |
| RISE & FALL TIME | 10 nS Max. | |
| PULLABILITY | ± 50 ppm Min ±100 ppm Max | |
| CONTROL VOLTAGE | 1.65V ±1.65V | 2.5V ±2.0V |
| LINEARITY | 10% Max. | |
| START UP TIME | 10 mS Max. | |
| OUTPUT LOAD | 15 pF or 10TTL | 30 pF or 10TTL |
| PHASE JITTER | 1.0pS max, >200MHz: 5.0 pS Max | |



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