

STANDARD THROUGH HOLE OSCILLATOR (20.7 x 13.1 x 7.5mm)

FEATURES:

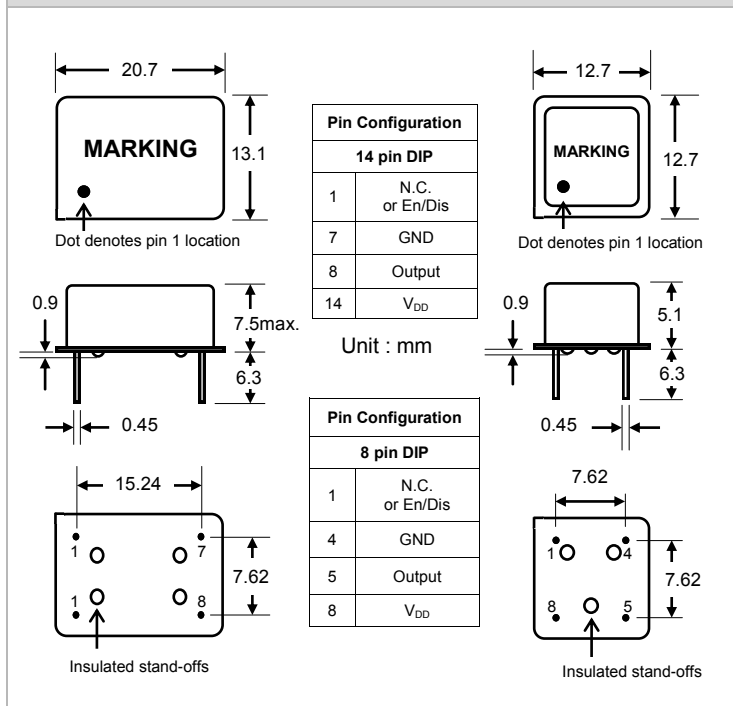
- SINEWAVE OUTPUT
- FAST DELIVERY
- LOW COST



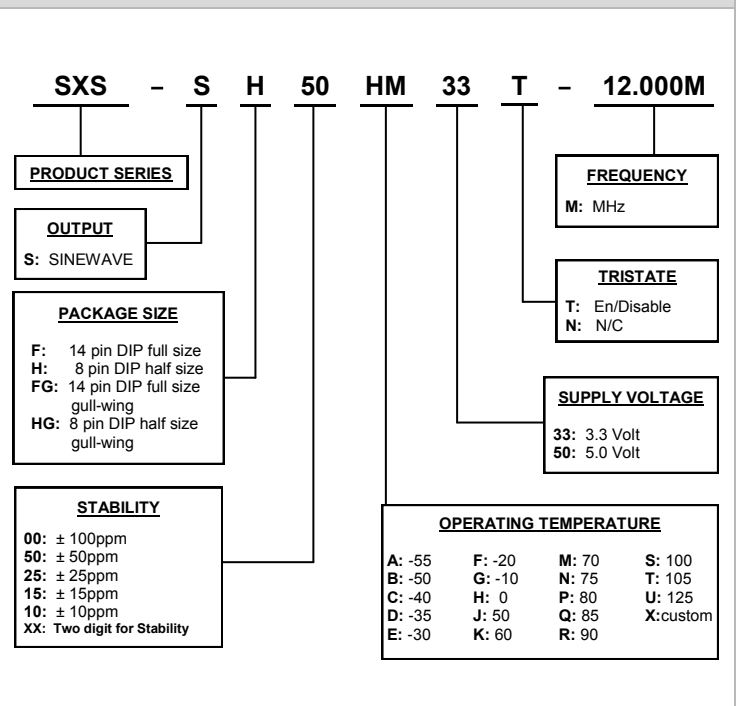
■ SPECIFICATION

| PARAMETER | | MIN. | TYP. | MAX. | UNIT | NOTE |
|----------------------------------|----------------------------|------|-----------------------|-----------------------|-----------------|---------------------------------------|
| FREQUENCY RANGE | 14 pins | 6 | | 190 | MHz | |
| | 8 pins | 10 | | 50 | MHz | |
| FREQUENCY STABILITY | | ±10 | | ±100 | ppm | Consult factory for tighter stability |
| OPERATING TEMPERATURE RANGE | | 0 | | 70 | °C | See P/N guide for other options |
| STORAGE TEMPERATURE RANGE | | -55 | | 105 | °C | |
| SUPPLY VOLTAGE ± 5% | | 3.3 | | 5.0 | V _{DC} | See P/N guide for other options |
| SUPPLY CURRENT | f ≤ 25M | 3.3V | | 15 | mA | |
| | | 5.0V | | 20 | mA | |
| | 25M < f ≤ 50M | 3.3V | | 25 | mA | |
| | | 5.0V | | 30 | mA | |
| OUTPUT | LOGIC FAMILY | | SINEWAVE | | | |
| | LOAD | | 50Ω | | | |
| | LEVEL | 3.3V | 0 | | | dBm |
| 5.0V | | 10 | | | dBm | |
| STAND-BY VOLTAGE | ENABLE (V _{IH}) | | | 2.0 x V _{DD} | V _{DC} | or N/C |
| | DISABLE (V _{IL}) | | 0.8 x V _{DD} | | | V _{DC} |
| AGING @ 25°C ± 3°C | | | | | ±3.0 | ppm /yr |
| PHASE JITTER RMS (12kHz ~ 20MHz) | | | | | 1.0 | pSec |

■ PACKAGE DIMENSIONS



■ PART NUMBERING GUIDE



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