



HCMOS/TTL COMPATIBLE PLASTIC J-LEADED SMD CLOCK OSCILLATORS - XOPJ Series

FEATURES

- RoHS Compliant (Pb-Free), Tri-state as Standard, 5 VDC or 3.3 VDC Option
- Very Low Phase Jitter with Fundamental or 3rd Overtone Crystal Design
- Industry de factor Standard J-leaded Pin-out Spacing, Compatible with Epson SG615
- Low Cost, Industrial Temperature Range Available

SPECIFICATIONS

Frequency Range 1 MHz to 70 MHz

Input Voltage (Vcc) A = +5 VDC ± 10%; B = +3.3 VDC ± 10%

Input Current 40 mA Maximum

Storage Temperature -55°C to 125°C

Overall Frequency Stability 100 = ±100 ppm; 50 = ±50 ppm

Temperature Range A = 0°C to 70°C; B = -40°C to 85°C

Standard Stability 100A = ± 100 ppm / 0°C to 70°C

Electric Option (Symmetry) 1 = Tristate 60/40%; 3 = Tristate 55/45%

Output Load HCMOS: Drive up to 50 pF load; TTL: Drive up to 10 TTL gates

Logic "1" / Logic "0" Level 0.9Vcc Minimum / 0.1Vcc Maximum

Rise/Fall Time (Tr/Tf) 6 ns Maximum

Start-up time 10 ms Maximum

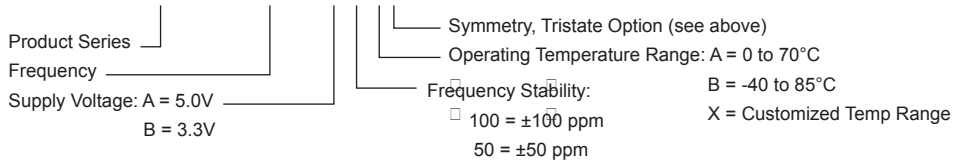
Phase Jitter 10 ps Maximum at 1Sigma for fj > 1 kHz

Tristate Function Input (Pin 1) High (> 2.2V) or open: Output (Pin 3) active

Input (Pin 1) Low (< 0.8V): Output disabled in high impedance

Enable Time 100 ns Maximum

Creating a Part Number **XOPJ-25M000-A50A3**



OUTLINE DRAWING

