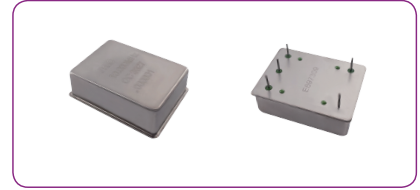


## PRODUCT TYPE: OCXO-3627

### FEATURES

- JYEG Part Number:JYOC36
- CMOS /Sine Wave Output
- SC Cut
- Low Aging, Compact Package



### TYPICAL SPECIFICATIONS

ITEM / TYPE	OCXO-3627 (JYOC36)
Frequency Range	2~100MHz
Frequency Accuracy	±0.2ppm (center control voltage)
Operating Temperature Range	-40~85°C
Frequency Stability vs. Temperature	±10ppb Max.
Output Load	CMOS 15pF typ.,Sine Wave 50Ω
Short term stability	1.0×10 <sup>-11</sup> /s(10MHz)
Supply Voltage	3.3V ±5%/5.0V ±5%/12.0V ±5%
Frequency Stability vs. Voltage	±2ppb(VDD ±5%)
Frequency Stability vs. Load	±2ppb(CL ±10%)
Supply Consumption	4.0W (Max.) When warm-up;1.4W (Max.) when static
Warm-up Time	±0.2ppm,<3min
Adjustable Frequency Range	±0.7ppm
Control Voltage Range	0~VDD
Slope	Positive
Linearity	10% Max.
Phase Noise(10MHz)	-120dBc/Hz@10Hz -140dBc/Hz@100Hz -145dBc/Hz@1kHz -150dBc/Hz@10kHz
Aging	±1ppb/day,first year ±100ppb,10years ±0.5ppm
Storage Temperature Range	-40~125°C

### OCXO-3627 (JYOC36)

