

OCXO (Sinus)

OX-5151S

General Description

Small metal case packaged OCXO

FeaturesWide frequency range
Tight stability down to ± 1 ppb**Main applications**

Telecomm., DVB

Electrical characteristics

Item	Values
Part number	OX-5151S
Crystal Cut angle	SC
Output Waveform	Sinus
Output load	sinus : load 50Ω , Level $>2\text{dBm}$
Standard frequency	5 or 10 MHz
Supply voltage	+12V
Initial frequency tolerance @ +25°C	$<\pm 0.1$ ppm
Frequency stability vs temp. vs Vdd vs Load	± 1 ppb [-10/+80°C] ± 0.1 ppb [Vdd $\pm 5\%$] ± 0.2 ppb [Load $\pm 10\%$]
Aging	$<\pm 30$ ppb first year / 300ppb in 20 years
Operating temp. range	-10°C / +80°C
Storage temp. range	-40°C / +100°C
Warm-up time	$<\pm 10$ ppb <10 min [typ. 5min]
Frequency adjustment	± 250 ppb
Control voltage	0-5.0V
Slope	positive
Linearity	10%
Phase noise	1Hz, -85dBc/Hz 10Hz, -120dBc/Hz 100Hz, -140dBc/Hz 1KHz, -145dBc/Hz 10KHz, -150dBc/Hz

Part number generator :
please contact 2B Elettronica