

Part Number: COS10.0BEA7PD1545

Series: COS

Description: SC CUT OCXO

DESCRIPTION	MIN	TYPICAL	MAX	U/M
Frequency		10.000000		MHz
Stability Over Operating Temperature Range	-10.0		+10.0	ppb
Tolerance @ 25°C		10		<± ppb/VC=+2.0V
Oscillator Supply Voltage	4.75	5.0	5.25	V
OCXO Control Voltage	0	2	4	Vdc
VCXO Linearity			10	± %
Polarity of Frequency Slope		positive		
Operating Temperature Range	-40		+85	°C
Oscillator Output Load		15 pF HCMOS		
Maximum aging rate after power on 30 days	.5	.1	.4	±ppb/day//ppm/1yr//10yr
Rise Fall Time			6	nS
Load capacitance		15		pF
Symmetry		45/55%		
Storage temperature	-40		+85	°C
Initial Current		600		mA
Steady State Current		250		mA
Phase Noise 1 Hz offset		-90		dBc/Hz
Phase Noise 10 Hz offset		-125		dBc/Hz
Phase Noise 100 Hz offset		-140		dBc/Hz
Phase Noise 1 kHz offset		-150		dBc/Hz
Phase Noise 10 kHz offset		-155		dBc/Hz
Phase Noise 100 kHz offset		-160		dBc/Hz
Phase Noise 1 MHz offset		-165		dBc/Hz
Markings				CARDINAL COS-XXXX 10.000000 YYMMDD
Lead Time				Call Marketing

