



CRYSTEK
CRYSTALS
A DIVISION OF CRYSTEK CORPORATION

HCMOS VCXO Guide



5.0 x7.0 mm SMD (HCMOS)

Model	Freq. Range (MHz)	Input Voltage (Vdc)	Pullability Options	Product Features
CVXO-018T CVXO-016T	1.544 to 52.000	3.30 5.00	Pullability ± 100 ppm Min. 0/70°C & -40/85°C	
CVHD-037X	30.000 to 170.000	3.30	Pullability (APR) ± 50 ppm -40/85°C	Phase Noise: -75 @ 10Hz (dBc/Hz) -160 @ Floor

5.0 x 7.5 mm SMD (HCMOS)

Model	Freq. Range (MHz)	Input Voltage (Vdc)	Pullability Options	Product Features
CVHD-575	20.000 to 54.000	3.30	Pullability (APR) ± 20 0/70°C & -40/85°C	Phase Noise: -90 @ 10Hz (dBc/Hz) -162 @ Floor

9.0 x 14.0 mm SMD (HCMOS)

Model	Freq. Range (MHz)	Input Voltage (Vdc)	Pullability Options	Product Features
CVHD-930	10.000 to 49.152	3.30	Pullability (APR) ± 50 ppm 0/70°C & -40/85°C	Phase Noise: -110 @ 100Hz (dBc/Hz) -155 @ 100kHz
CVHD-931	50.000 to 180.000	3.30	Pullability (APR) ± 20 ppm 0/70°C & -40/85°C	Phase Noise: -80 @ 100Hz (dBc/Hz) -150 @ 100kHz
CVHD-950	50.000 to 125.000	3.30	Pullability (APR) ± 50 ppm 0/70°C & -40/85°C	Phase Noise: -86 @ 10Hz (dBc/Hz) -165 @ Floor
CVHD-960 CVHD-965	14.000 to 49.152	3.30 5.00	Pullability $\pm 100, \pm 150, \pm 200$ ppm 0/70°C & -40/85°C	Low Jitter, High Pull RMS (0.5ps Typical, 1.0ps Max) Phase Noise: -160 @ Floor (dBc/Hz)
CVHD-952	131.000 to 200.000	3.30	Pullability (APR) ± 20 ppm 0/70°C & -40/85°C	Phase Noise: -70 @ 10Hz (dBc/Hz) -150 @ 100kHz
CVHD-957	10.000 to 50.000	3.30	Pullability ± 100 ppm 0/70°C & -20/70°C & -40/85°C	Phase Noise: -90 @ 10Hz (dBc/Hz) -168 @ 100kHz

14 DIP (HCMOS)

Model	Freq. Range (MHz)	Input Voltage (Vdc)	Pullability Options	Product Features
CVH-731 CVH-751	50.000 to 180.000	3.30 5.00	Pullability $\pm 15, \pm 20, \pm 25, \pm 50, \pm 100$ 0/70°C & -40/85°C	Phase Noise: -85 @ 100Hz (dBc/Hz) -155 @ 100kHz



CRYSTEK
CORPORATION

12730 COMMONWEALTH DRIVE • FORT MYERS, FL 33913
PHONE: 239-561-3311 • 800-237-3061
FAX: 239-561-1025 • WWW.CRYSTEK.COM