



Crystal Unit for Automotive

Series	Package	Frequency Range	Frequency Stability	Operating Temperature
7F 	 2.0×1.6×0.45 mm Ceramic Sealed SMD	16~96 MHz	±30ppm ±50ppm ±100ppm	-40°C~+85°C -40°C~+125°C
7E 	 2.5×2.0×0.55 mm Ceramic Sealed SMD	12~96 MHz	±30ppm ±50ppm ±100ppm	-40°C~+85°C -40°C~+125°C
7U 	 3.2×2.5×0.7 mm Ceramic Sealed SMD	8~125 MHz	±30ppm ±50ppm ±100ppm	-40°C~+85°C -40°C~+125°C
7I 	 5.0×3.2×0.8mm Ceramic Sealed SMD	8~125 MHz	±30ppm ±50ppm ±100ppm	-40°C~+85°C -40°C~+125°C
6F 	 7.0×5.0×1.0mm Ceramic Sealed SMD	6~160 MHz	±30ppm ±50ppm ±100ppm	-40°C~+85°C -40°C~+125°C

32.768kHz Crystal Unit for Automotive

Series	Package	Frequency Range	Frequency Tolerance [10 ⁻⁶]@25°C	Operating Temperature
7K 	 1.6×1.0×0.5mm Ceramic Sealed SMD	32.768 kHz	±20ppm~±100ppm	-40°C~+85°C -40°C~+125°C
7R 	 2.0×1.2×0.6mm Ceramic Sealed SMD	32.768 kHz	±20ppm~±100ppm	-40°C~+85°C -40°C~+125°C
7L 	 3.2×1.5×0.7mm Ceramic Sealed SMD	32.768 kHz	±20ppm~±100ppm	-40°C~+85°C -40°C~+125°C

Note: This specification sheet is applied for Automotive (Non-Safety Application), and it meets the requirement of AEC-Q200