

■ List of Synthetic Quartz Crystal Specifications

● As-Grown Synthetic Quartz Crystal

Form	Application *	Stock Number	X size (mm)	Z size (mm)	Y size (mm)	Direction (θ)	Seed x size (mm)	α_{3585}	Infrared Q value	Remarks
Z plate	AT	AZA21F	From 78.0	21.0 to 25.0	200 to 220	0°00'	70.0 to 71.0	Max. 0.069	Min. 1.8 million	
Z plate	WW	AZW43K	From 89.0	From 43.0	200 to 220	2°00'	79.0 to 80.0	Max. 0.069	Min. 1.8 million	Photolithographic processing available
Z plate	WW	AZW46A	From 121.0	From 46.0	260 to 280	1°45'	101.0 to 102.0	Max. 0.069	Min. 1.8 million	Photolithographic processing available
Z plate	SAW	AZT60A	From 80.0	From 60.0	From 210	0°00'	77.0 to 78.0	Max. 0.069	Min. 1.8 million	
Z plate	SAW	AZT80A	From 120.0	From 80.0	From 240	0°00'	103.0 to 104.0	Max. 0.069	Min. 1.8 million	

* AT → AT-cut, WW → Wrist Watch

* Synthetic quartz crystals other than the above dimensions and angles can be manufactured upon request.

