

Supplier Part Number	SWS312 Series						
Product Description	3.2mm X 1.5mm Ceramic SMT Watch Crystal						
Product Revision							
Product Total Weight	0.012211532 g/pcs						
Contact Information	Company	Suntsu Frequency Control, Inc.					
	Contact Name	KH Mun					
	Address	142 Technology Dr., Suite 150 Irvine, CA 92618					
	Phone Number	949-305-0220					
Homogenous Component/ Subcomponent	Homogenous Component/ Subcomponent Weight (g)	Substance	CAS Number	Substance Weight (g)	PPM Level (If Available) (Substance Weight/Total Homogenous Component or Subcomponent Weight*1000000)	PPM Level Availability Date (If Not Available)	Purpose/Location
Base	0.009073	Aluminum Oxide-Al ₂ O ₃	1344-28-1	0.006168000	505096.330256		Header
		Silica-SiO ₂	14808-60-7	0.000244000	19981.112935		Header
		Calcium monoxide-CaO	1305-78-8	0.000023000	1883.465564		Header
		Magnesium monoxide-MgO	1309-48-4	0.000034000	2784.253442		Header
		Chromium oxide-Cr ₂ O ₃	1308-38-9	0.000262000	21455.129463		Header
		Titanium dioxide-TiO ₂	13463-67-7	0.000068000	5568.506883		Header
		Tungsten-W	7440-33-7	0.001247000	102116.589466		Header
		Molybdenum-Mo	7439-98-7	0.000037000	3029.922863		Header
		Nickel-Ni	7440-02-0	0.000160000	13102.369138		Terminal
		Cobalt-Co	7440-48-4	0.000040000	3275.592284		Terminal
		Gold-Au	7440-57-5	0.000042000	3439.371899		Terminal
Gold-Au	7440-57-5	0.000591000	48396.876002		Plating		
Tin-Sn	7440-31-5	0.000157000	12856.699716		Plating		
Cover	0.00283	Iron-Fe	7439-89-6	0.001440812	117987.800384		Alloy
		Nickel-Ni	7440-02-0	0.000796785	65248.561769		Alloy
		Cobalt-Co	7440-48-4	0.000438721	35926.737120		Alloy
		Carbon-C	--	0.00000269	21.987413		Alloy
		Silicon-Si	--	0.000002444	200.146878		Alloy
		Manganese-Mn	7439-96-5	0.000006110	500.346721		Alloy
		Nickel-Ni	7440-02-0	0.000130761	10707.968501		Alloy
Gold-Au	7440-57-5	0.000014665	1200.889454		Alloy		
Blank	0.00029	Silica SiO ₂	14808-60-7	0.000290851	23817.724099		Quartz crystal
Electrode	0.00001	Titanium-Ti	7440-22-4	0.000000110	8.991501		Plating
		Palladium-Pd	7440-05-3	0.000002444	200.146878		Plating
		Nickel-Ni	7440-02-0	0.000000018	1.465828		Plating
		Gold-Au	7440-02-0	0.000002444	200.146878		Plating
Epoxy	0.0000121	Silicon-Si	--	0.000002400	196.535537		Alloy
		Silver-Ag	7440-22-4	0.000009700	794.331129		Plating
				0.012211532	1000000.000		