

Product Description	5.0mm X 3.2mm Ceramic SMD Oscillator						
Product Revision							
Product Total Weight	0.081g/pcs						
Contact Information	Company	Suntsu Frequency Control, Inc.					
	Contact Name	Bob Tintelnot					
	Address	2 south pointe dr., suite 195 Lake Forest, CA 92630					
	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
5032 OSC PKG	0.0510	Alumina-Al <sub>2</sub> O <sub>3</sub>	1344-28-1	0.03539400000	436962.96		Ceramic
		Silica-SiO <sub>2</sub>	14808-60-7	0.00117300000	14481.48		Ceramic
		Titanium oxide-TiO	7440-32-6	0.00020400000	2518.52		Ceramic
		Magnesia-MgO	1309-48-4	0.00020400000	2518.52		Ceramic
		Calcia-CaO	1305-78-8	0.00020400000	2518.52		Ceramic
		Chromium oxide-Cr <sub>2</sub> O <sub>3</sub>	1308-38-9	0.00214200000	26444.44		Ceramic
		Tungsten-W	7440-33-7	0.00362100000	44703.70		Electric conductor
		Molybdenum-Mo	7439-98-7	0.00010200000	1259.26		Electric conductor
		Silver-Ag	7440-22-4	0.00076500000	9444.44		Brazing material
		Copper-Cu	7440-50-8	0.00030600000	3777.78		Brazing material
		Iron-Fe	7439-89-6	0.00306000000	37777.78		Kovar ring
		Nichel-Ni	7440-02-0	0.00168300000	20777.78		Kovar ring
		Cobalt-Co	7440-48-4	0.00096900000	11962.96		Kovar ring
		Nickel-Ni	7440-02-0	0.00056100000	6925.93		Ni plating
Cobalt-Co	7440-48-4	0.00025500000	3148.15		Ni plating		
Gold-Au	7440-57-5	0.00035700000	4407.41		Au plating		
LID	0.011	Iron-Fe	7439-89-6	0.00585530000	72287.65		Alloy
		Nickel-Ni	7440-02-0	0.00324390000	40048.15		Alloy
		Cobalt-Co	7440-48-4	0.00184360000	22760.49		Alloy
		Manganese-Mn	7439-96-5	0.00004290000	529.63		Alloy
		Silicone-Si	7440-21-3	0.00000880000	108.64		Alloy
		Coppe- Cu	7440-50-8	0.00000550000	67.90		Alloy
Blank	0.003	Silica SiO <sub>2</sub>	14808-60-7	0.00300000000	37037.04		Quartz crystal
Silver	0.005	Silver Ag	7440-22-4	0.00499966000	61724.20		Electrode
		Copper Cu	7440-50-8	0.00000015000	1.85		Electrode
		Bismuth-Bi	7440-69-9	0.00000004000	0.49		Electrode
		Iron Fe	7439-89-6	0.00000005000	0.62		Electrode
		Antimony-Sb	7440-36-0	0.00000005000	0.62		Electrode
		Selenium-Se	7782-49-2	0.00000002500	0.31		Electrode
		Tellurium-Te	13494-80-9	0.00000002500	0.31		Electrode
Epoxy	0.005	Silver Ag	7440-22-4	0.00425000000	52469.14		Connect
		Silicone Resin		0.00075000000	9259.26		Support
Gold Wire	0.00576	Gold-Au	7440-57-5	0.00576000000	71111.11		Connect
IC	0.00024	Silicon Si	7440-21-3	0.00023916120	2952.61		
		Arsenic-As	7440-38-2	0.00000000120	0.01		
		Phos[horus]-P	7723-14-0	0.00000003360	0.41		
		Boron-B	7440-42-8	0.00000001200	0.15		
		Aluminum-A	7429-90-5	0.00000040800	5.04		
		Oxygen-O	7782-44-7	0.00000038400	4.74		

0.08100 1000000.000