

| Supplier Part Number | SCF Series | | | | | | |
|-----------------------------------|--|--|------------|----------------------|---|--|------------------|
| Product Description | HC-49/US Short SMD Crystal | | | | | | |
| Product Revision | | | | | | | |
| Product Total Weight | 0.4608g/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 |
| Base | 0.2626 | Iron-Fe | 7439-89-6 | 0.223523 | 485076 | | BASE |
| | | Carbon-C | 7440-44-0 | 0.000063 | 136 | | BASE |
| | | Silicon-Si | 7440-21-3 | 0.000022 | 49 | | BASE |
| | | Manganese-Mn | 7439-96-5 | 0.000538 | 1168 | | BASE |
| | | Phosphorus-P | 7723-14-0 | 0.000031 | 68 | | BASE |
| | | Sulfur-S | 7704-34-9 | 0.000022 | 49 | | BASE |
| | | Iron-Fe | 7439-89-6 | 0.007331 | 15909 | | WIRE |
| | | Nickel-Ni | 7440-02-0 | 0.004045 | 8778 | | WIRE |
| | | Cobalt-Co | 7440-48-4 | 0.002365 | 5133 | | WIRE |
| | | Carbon-C | 7440-44-0 | 0.000000 | 1 | | WIRE |
| | | Silicon-Si | 7440-21-3 | 0.000011 | 23 | | WIRE |
| | | Manganese-Mn | 7439-96-5 | 0.000035 | 75 | | WIRE |
| | | Chromium-Cr | 7440-47-3 | 0.000003 | 7 | | WIRE |
| | | Molybdenum-Mo | 7439-98-7 | 0.000004 | 8 | | WIRE |
| | | Copper-Cu | 7440-50-8 | 0.000005 | 12 | | WIRE |
| | | Sulfur-S | 7704-34-9 | 0.000000 | 1 | | WIRE |
| | | Phosphorus-P | 7723-14-0 | 0.000000 | 1 | | WIRE |
| | | Copper-Cu | 7440-50-8 | 0.001723 | 3739 | | PIN |
| | | Nickel-Ni | 7440-02-0 | 0.005615 | 12186 | | PIN |
| | | Zinc-Zn | 7440-66-6 | 0.002862 | 6211 | | PIN |
| Silicon-Si | 7440-21-3 | 0.010080 | 21875 | | GLASS | | |
| Boron-B | 7440-42-8 | 0.002160 | 4688 | | GLASS | | |
| Aluminum-Al | 7429-90-5 | 0.001008 | 2188 | | GLASS | | |
| Lithium-Li | 7439-93-2 | 0.000288 | 625 | | GLASS | | |
| Sodium-Na | 744025-5 | 0.000432 | 938 | | GLASS | | |
| Potassium-K | 7440-09-7 | 0.000432 | 938 | | GLASS | | |
| Cover | 0.131 | Copper-Cu | 7440-50-8 | 0.08646 | 187630 | | Alloy |
| | | Zinc-Zn | 7440-66-6 | 0.0180125 | 39090 | | Alloy |
| | | Nickel-Ni | 7440-02-0 | 0.025545 | 55436 | | Alloy |
| | | Manganese-Mn | 7439-96-5 | 0.000655 | 1421 | | Alloy |
| Blank | 0.0072 | Silica SiO2 | 14808-60-7 | 0.0072 | 15625 | | Quartz crystal |
| Silver | 0.001 | Silver-Ag | 7440-22-4 | 0.00099993 | 2170 | | Electrode |
| | | Copper-Cu | 7440-50-8 | 0.00000003 | 0 | | Electrode |
| | | Bismuth-Bi | 7440-69-9 | 0.00000001 | 0 | | Electrode |
| | | Iron-Fe | 7439-89-6 | 0.00000001 | 0 | | Electrode |
| | | Antimony-Sb | 7440-36-0 | 0.00000001 | 0 | | Electrode |
| | | Selenium-Se | 7782-49-2 | 0.00000001 | 0 | | Electrode |
| | | Tellurium-Te | 13494-80-9 | 0.00000001 | 0 | | Electrode |
| Epoxy | 0.001 | Silver-Ag | 7440-22-4 | 0.00085 | 1845 | | Connect |
| | | Silicone Resin | | 0.00015 | 326 | | Support |
| Insulator Tab | 0.058 | PPS | 68608-59-3 | 0.03306 | 71745 | | |
| | | Glass fiber | | 0.02494 | 54123 | | |

0.46080 1000000.000