

Material Composition Data



Product: GXO-U102F

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GXO-U102F - 3.3V Oscillator

| Sub-Assembly | Material | Substance | CAS No | Mass (mg) | Sub-Assembly % by mass |
|------------------|---------------------|-------------|------------|-----------|------------------------|
| Blank | Blank | Sn | 7440-31-5 | 29.000 | 100.00 |
| Cover | Cover | Cu | 7440-50-8 | 530.200 | 64.77 |
| | Cover | Mn | 7439-96-5 | 75.200 | 9.19 |
| | Cover | Ni | 7440-02-0 | 180.600 | 22.06 |
| | Cover | P | 7723-14-0 | 32.600 | 3.98 |
| Header | Base | C | 7440-44-0 | 42.200 | 14.40 |
| | Base | Cu | 7440-50-8 | 61.900 | 21.12 |
| | Base | Mn | 7439-96-5 | 2.000 | 0.68 |
| | Base | Ni | 7440-02-0 | 76.200 | 26.00 |
| | Base | Ni | 7440-02-0 | 1.000 | 0.34 |
| | Base | SiO2 | 14808-60-7 | 0.110 | 0.04 |
| | Base | SiO2 | 14808-60-7 | 0.150 | 0.05 |
| | Glass | Sn | 7440-31-5 | 60.420 | 20.62 |
| | Lead Wire | Co | 7440-48-4 | 5.000 | 1.71 |
| | Lead Wire | Fe | 7439-89-6 | 41.000 | 13.99 |
| | Lead Wire | Ni | 7440-02-0 | 3.000 | 1.02 |
| | Lead Wire | Sn | 7440-31-5 | 0.050 | 0.02 |
| | Silver paste | Epoxy resin | Fe | 7439-89-6 | 5.000 |
| Silver paste | | Ag | 7440-22-4 | 7.000 | 58.33 |
| Substrate | Capacitor | Al2O3 | 1344-28-1 | 4.000 | 4.77 |
| | IC | Cu | 7440-50-8 | 4.122 | 4.91 |
| | IC | Fe | 7439-89-6 | 0.210 | 0.25 |
| | IC | Si | 7440-21-3 | 0.600 | 0.71 |
| | IC | SiO2 | 14808-60-7 | 9.670 | 11.52 |
| | Solder cream | Ag | 7440-22-4 | 5.000 | 5.96 |
| | Solder cream | Ag | 7440-22-4 | 0.060 | 0.07 |
| | Solder wire | Co | 7440-48-4 | 6.000 | 7.15 |
| | Solder wire | Fe | 7439-89-6 | 50.200 | 59.82 |
| | Solder wire | Other | | 4.000 | 4.77 |
| | Solder wire | Ag | 7440-22-4 | 0.060 | 0.07 |
| | Total Mass: | | | | 1236.552 mg |

John Hems
Quality Manager
Email: j.hems@golledge.com