

ELEMENTAL ANALYSIS



RoHS Compliant

**MAX
260°C**

**MSL
1**



| PRODUCT FAMILY | Material | CAS Number | % Normalize for BOM | Wt. Of BOM Item (g) | % by Wt (Comp. Item) | mg/unit | % by Wt Of Unit 37.10 | ppm |
|----------------------------|------------------------|----------------|---------------------|---------------------|----------------------|----------------|-----------------------|----------------|
| 745C or X 10 | | | | | | | | |
| Alumina Ceramic | Al2O3 | 1344-28-1 | 0.848 | 0.03146 | 100.00% | 31.4608 | 84.80% | 848000 |
| | | | | | 100.00% | 31.4608 | | |
| Conductor Thick Film | Ag | 7440-22-4 | 0.026 | 0.00096 | 99.00% | 0.9550 | 2.57% | 25740 |
| | Pd | 7440-05-3 | | | 1.00% | 0.0096 | 0.03% | 260 |
| | | | | | 100.00% | 0.9646 | | |
| Resistor Thick Film | RuO2 | 12036-10-1 | 0.011 | 0.00041 | 30.00% | 0.1224 | 0.33% | 3300 |
| | PbO | 1317-36-8 | | | 10.00% | 0.0408 | 0.11% | 1100 |
| | SiO2 (silicon dioxide) | 14808-60-7 | | | 30.00% | 0.1224 | 0.33% | 3300 |
| | B2O3 | 1303-86-2 | | | 30.00% | 0.1224 | 0.33% | 3300 |
| | | | | | 100.00% | 0.4081 | | |
| Notch Conductor Thick Film | Ag | 7440-22-4 | 0.038 | 0.00141 | 100.00% | 1.4098 | 3.80% | 38000 |
| | | | | | 100.00% | 1.4098 | | |
| Overcoat 1 | PbO | 1317-36-8 | 0.015 | 0.00056 | 14.00% | 0.0779 | 0.21% | 2100 |
| | SiO2 (silicon dioxide) | 14808-60-7 | | | 43.00% | 0.2393 | 0.65% | 6450 |
| | B2O3 | 1303-86-2 | | | 43.00% | 0.2393 | 0.65% | 6450 |
| | | | | | 100.00% | 0.5565 | | |
| Overcoat 2 | PbO | 1317-36-8 | 0.019 | 0.00070 | 14.00% | 0.0987 | 0.27% | 2660 |
| | SiO2 (silicon dioxide) | 14808-60-7 | | | 43.00% | 0.3031 | 0.82% | 8170 |
| | B2O3 | 1303-86-2 | | | 43.00% | 0.3031 | 0.82% | 8170 |
| | | | | | 100.00% | 0.7049 | | |
| Marking | PbO | 1317-36-8 | 0.001 | 0.00004 | 14.00% | 0.0052 | 0.01% | 140 |
| | SiO2 (silicon dioxide) | 14808-60-7 | | | 43.00% | 0.0160 | 0.04% | 430 |
| | B2O3 | 1303-86-2 | | | 43.00% | 0.0160 | 0.04% | 430 |
| | | | | | 100.00% | 0.0371 | | |
| Underplate | Ni | 7440-02-0 | 0.025 | 0.00093 | 100.00% | 0.9275 | 2.50% | 25000 |
| | | | | | 100.00% | 0.9275 | | |
| Finish Plate | Sn | 7440-31-5 | 0.017 | 0.00063 | 100.00% | 0.6307 | 1.70% | 17000 |
| | | | | | 100.00% | 0.6307 | | |
| | | | Sum | 0.03710 | 100.00% | 0.6307 | | |
| | | | Part Weight | 0.03710 | | | | |
| | | Totals: | | 0.03710 | | 37.10 | 100.00% | 1000000 |

RoHS exemption claimed for lead in glass of electronic component