



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 276.70 | ppm |
|----------------------------|------------------------|----------------|---------------------|---------------------|----------------------|---------------|------------------------|----------------|
| 768 16 | | | | | | | | |
| Alumina Ceramic | Al2O3 | 1344-28-1 | 0.8750 | 0.2421 | 87.50% | 211.8484 | 76.56% | 765625 |
| | SiO2 (silicon dioxide) | 14808-60-7 | | | 12.50% | 30.2641 | 10.94% | 109375 |
| Conductor Thick Film | Ag | 7440-22-4 | 0.0059 | 0.0016 | 99.00% | 1.6162 | 0.58% | 5841 |
| | Pd | 7440-05-3 | | | 1.00% | 0.0163 | 0.01% | 59 |
| Resistor Thick Film | RuO2 | 12036-10-1 | 0.0074 | 0.0020 | 100.00% | 1.6325 | | |
| | PbO | 1317-36-8 | | | 30.00% | 0.6143 | 0.22% | 2220 |
| | SiO2 (silicon dioxide) | 14808-60-7 | | | 10.00% | 0.2048 | 0.07% | 740 |
| | B2O3 | 1303-86-2 | | | 30.00% | 0.6143 | 0.22% | 2220 |
| Notch Conductor Thick Film | Ag | 7440-22-4 | 0.0112 | 0.0031 | 100.00% | 2.0476 | | |
| | Pd | 7440-05-3 | | | 72.02% | 2.2319 | 0.81% | 8066 |
| | Pt | 7440-06-4 | | | 4.20% | 0.1302 | 0.05% | 470 |
| | | | | | 23.78% | 0.7370 | 0.27% | 2663 |
| Lead Wire | Cu | 7440-50-8 | 0.0360 | 0.0100 | 100.00% | 3.0990 | | |
| Lead Under-Plating | Ni | 7440-02-0 | 0.0100 | 0.0028 | 100.00% | 9.9612 | 3.60% | 36000 |
| | | | | | 100.00% | 2.7670 | 1.00% | 10000 |
| Solder | Ag | 7440-22-4 | 0.0360 | 0.0100 | 100.00% | 2.7670 | | |
| | Cu | 7440-50-8 | | | 3.00% | 0.2988 | 0.11% | 1080 |
| | Sn | 7440-31-5 | | | 0.50% | 0.0498 | 0.02% | 180 |
| Covercoat | | | | | 96.50% | 9.6126 | 3.47% | 34740 |
| | TiO2 | 13463-67-7 | 0.0185 | 0.0051 | 100.00% | 9.9612 | | |
| | Phenolic Resin | 55185-45-0 | | | 50.00% | 2.5595 | 0.93% | 9250 |
| | Epoxy Resin | 25068-38-6 | | | 25.00% | 1.2797 | 0.46% | 4625 |
| | | | | | 25.00% | 1.2797 | 0.46% | 4625 |
| | | Sum | 1.0000 | 0.2767 | 100.00% | 5.1190 | | |
| | | | part weight | 0.2767 | | | | |
| | | Totals: | | 0.2767 | | 276.70 | 100.00% | 1000000 |

RoHS exemption claimed for lead in glass of electronic component