



**MAX
245°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 | ppm |
|----------------------------|------------------------|----------------|---------------------|---------------------|----------------------|-----------------|-----------------|----------------|
| 752 10 SRT | | | | | | | 225.90 | |
| Alumina Ceramic | Al2O3 | 1344-28-1 | 0.8800 | 0.1988 | 87.50% | 173.9430 | 77.00% | 770000 |
| | SiO2 (silicon dioxide) | 14808-60-7 | | | 12.50% | 24.8490 | 11.00% | 110000 |
| | | | | | 100.00% | 198.7920 | | |
| Conductor Thick Film | Ag | 7440-22-4 | 0.0068 | 0.0015 | 99.00% | 1.5208 | 0.67% | 6732 |
| | Pd | 7440-05-3 | | | 1.00% | 0.0154 | 0.01% | 68 |
| | | | | | 100.00% | 1.5361 | | |
| Resistor Thick Film | RuO2 | 12036-10-1 | 0.0079 | 0.0018 | 30.00% | 0.5354 | 0.24% | 2370 |
| | PbO | 1317-36-8 | | | 10.00% | 0.1785 | 0.08% | 790 |
| | SiO2 (silicon dioxide) | 14808-60-7 | | | 30.00% | 0.5354 | 0.24% | 2370 |
| | B2O3 | 1303-86-2 | | | 30.00% | 0.5354 | 0.24% | 2370 |
| | | | | | 100.00% | 1.7846 | | |
| Notch Conductor Thick Film | Ag | 7440-22-4 | 0.0113 | 0.0026 | 99.00% | 2.5271 | 1.12% | 11187 |
| | Pd | 7440-05-3 | | | 1.00% | 0.0255 | 0.01% | 113 |
| | | | | | 100.00% | 2.5527 | | |
| Underplate | Ni | 7440-02-0 | 0.025 | 0.0056 | 100.00% | 5.6475 | 2.50% | 25000 |
| | | | | | 100.00% | 5.6475 | | |
| Finish Plate | Sn | 7440-31-5 | 0.017 | 0.0038 | 90.00% | 3.4563 | 1.53% | 15300 |
| | Pb | 7439-92-1 | | | 10.00% | 0.3840 | 0.17% | 1700 |
| | | | | | 100.00% | 3.8403 | | |
| Covercoat | TiO2 | 13463-67-7 | 0.0520 | 0.0117 | 50.00% | 5.8734 | 2.60% | 26000 |
| | Silicone | 218163-11-2 | | | 50.00% | 5.8734 | 2.60% | 26000 |
| | Sum | | 1.0000 part weight | 0.2259 | 0.2259 | 100.00% | 11.7468 | |
| | | Totals: | | 0.2259 | | 225.90 | 100.00% | 1000000 |