



DO213AA (Mini-Glass MELF) Diodes

| Material Content Declaration | | | | | | |
|---|--------------------|---|--------------------------|----------------------------|------------------------|----------------------------|
| Material name | | Substance name e.g. Copper (Cu), Gold (Au) | CAS no., if known | Substance mass (mg) | % OF Weight (%) | ppm Of Total Weight |
| Lead Slugs-Dunmet 60.78% | Inner Core | Iron (Fe) | 7439-89-6 | 8.1777 | 43.97 | 267,244.5 |
| | | Nickel (Ni) | 7440-02-0 | 5.9583 | 32.03 | 194,715.8 |
| | Copper Clad | Copper (Cu) | 7440-50-8 | 4.4640 | 24.00 | 145,882.5 |
| | | Total | | 18.60 | | |
| Glass Sleeve 37.45 | | PbO | 1317-36-8 | 6.9333 | 60.50 | 226,578.6 |
| | | SiO ₂ | 7631-86-9 | 3.7818 | 33.00 | 123,588.3 |
| | | K ₂ O | 12136-45-7 | 0.4584 | 4.00 | 14,980.4 |
| | | B ₂ O ₃ | 1303-86-2 | 0.2865 | 2.50 | 9,362.8 |
| | | Total | | 11.46 | | |
| Chip 0.16% | | Silicon (Si) | 7440-21-3 | 0.0355 | 70.90 | 1,158.5 |
| | | Aluminum (Al) | 7429-90-5 | 0.0001 | 0.10 | 1.6 |
| | | Silver (Ag) | 7440-22-4 | 0.0143 | 28.60 | 467.3 |
| | | Nickel (Ni) | 7440-02-0 | 0.0002 | 0.40 | 6.5 |
| | | Total | | 0.05 | | |
| Plating 0.98% | | Tin (Sn) | 7440-31-5 | 0.3000 | 100.00 | 9,803.6 |
| | | Total | | 0.30 | | |
| Marking 0.63% | | Ink (C) | 7440-44-0 | 0.1900 | 100.00 | 6,209.2 |
| | | Total | | 0.19 | | |
| | | Total mass (mg) | | 30.60 | | |