

Material Declaration



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| Package Type | TH |
| Package Size | 10.4 x 24 mm |
| Terminal Finish | Matte Tin |
| Finish Thickness | 8 microns |
| Weight (mg) | 574.000 |
| MSL | 1 |

| | |
|--------|------|
| Series | CLP3 |
|--------|------|

| Item | Material | Element | Content (mg) | Content (wt%) | CAS # |
|---------|----------------|--|--------------|---------------|-------------|
| Cover | Nickel Silver | Nickel (Ni) | 29.450 | 5.131% | 7440-02-0 |
| | | Copper (Cu) | 112.137 | 19.536% | 7440-50-8 |
| | | Iron (Fe) | 0.453 | 0.079% | 7439-89-6 |
| | | Zinc (Zn) | 37.379 | 6.512% | 7440-66-6 |
| | | Manganese (Mn) | 1.133 | 0.197% | 7439-96-5 |
| Base | SPCC | Iron (Fe) | 274.462 | 47.816% | 7439-89-6 |
| | | Silicon (Si) | 2.683 | 0.467% | 7440-21-3 |
| | | Carbon C | 0.078 | 0.014% | 7440-44-0 |
| | Kovar | Iron (Fe) | 28.713 | 5.002% | 7439-89-6 |
| | | Nickel (Ni) | 15.696 | 2.734% | 7440-02-0 |
| | | Cobalt (Co) | 9.160 | 1.596% | 7440-48-4 |
| | Solder Plating | Tin (Sn) | 0.056 | 0.010% | 7440-31-5 |
| | Crystal mount | Copper (Cu) | 5.062 | 0.882% | 7440-50-8 |
| | | Nickel (Ni) | 1.578 | 0.275% | 7440-02-0 |
| | | Manganese (Mn) | 0.008 | 0.001% | 7439-96-5 |
| | | Iron (Fe) | 0.002 | 0.000% | 7439-89-6 |
| | | Zinc (Zn) | 2.291 | 0.399% | 7440-66-6 |
| | Glass | Glass Frits | 8.943 | 1.558% | 65997-18-4 |
| Crystal | Crystal | Silicon Dioxide (SiO ₂) | 26.829 | 4.674% | 14808-60-7 |
| | Electrode | Silver (Ag) | 5.366 | 0.935% | 7440-22-4 |
| | Adhesive | Silver (Ag) | 9.390 | 1.636% | 7440-22-4 |
| | | Ethylene glycol monobutyl ether acetate | 0.626 | 0.109% | 112-07-2 |
| | | Diethylene glycol monomethyl ether acetate | 0.626 | 0.109% | 629-38-9 |
| | | Epoxy Resin | 1.878 | 0.327% | 129915-35-1 |
| | TOTAL | | | 574.000 | 100.000% |



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