



Material Content Data Sheet



Halogen-Free

| | | | |
|---------------------------|-------------|----------------|----------------|
| Sales Product Name | TLE7250VSJ | Issued | 14. April 2021 |
| MA# | MA005260056 | | |
| Package | PG-DSO-8-64 | Weight* | 81.52 mg |

| Construction Element | Material Group | Substances | CAS# if applicable | Weight [mg] | Average Mass [%] | Sum [%] | Average Mass [ppm] | Sum [ppm] |
|----------------------|--------------------|----------------|--------------------|-------------|------------------|---------|--------------------|-----------|
| chip | inorganic material | silicon | 7440-21-3 | 1.493 | 1.83 | 1.83 | 18310 | 18310 |
| leadframe | inorganic material | phosphorus | 7723-14-0 | 0.009 | 0.01 | | 107 | |
| | non noble metal | zinc | 7440-66-6 | 0.035 | 0.04 | | 427 | |
| | non noble metal | iron | 7439-89-6 | 0.696 | 0.85 | | 8535 | |
| | non noble metal | copper | 7440-50-8 | 28.249 | 34.65 | 35.55 | 346538 | 355607 |
| wires | noble metal | palladium | 7440-05-3 | 0.001 | | | 10 | |
| | non noble metal | copper | 7440-50-8 | 0.079 | 0.10 | 0.10 | 969 | 979 |
| encapsulation | organic material | carbon black | 1333-86-4 | 0.145 | 0.18 | | 1781 | |
| | plastics | epoxy resin | - | 5.661 | 6.94 | | 69450 | |
| | inorganic material | silicondioxide | 60676-86-0 | 42.581 | 52.25 | 59.37 | 522361 | 593592 |
| leadfinish | noble metal | palladium | 7440-05-3 | 0.014 | 0.02 | | 166 | |
| | noble metal | gold | 7440-57-5 | 0.022 | 0.03 | | 267 | |
| | non noble metal | nickel | 7440-02-0 | 0.477 | 0.59 | 0.64 | 5857 | 6290 |
| plating | noble metal | palladium | 7440-05-3 | 0.038 | 0.05 | | 464 | |
| | noble metal | gold | 7440-57-5 | 0.061 | 0.07 | | 747 | |
| | non noble metal | nickel | 7440-02-0 | 1.333 | 1.63 | 1.75 | 16348 | 17559 |
| glue | plastics | epoxy resin | - | 0.156 | 0.19 | | 1916 | |
| | noble metal | silver | 7440-22-4 | 0.468 | 0.57 | 0.76 | 5747 | 7663 |
| *deviation | < 10% | Sum in total: | | | | 100.00 | | 1000000 |

Important Remarks:

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This product is in compliance with EU Directive 2015/863/EU amending Annex II to EU Directive 2011/65/EU (RoHS) and does not use any exemption.

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