



List of Component

No. PN000021 Rev.A

Date 2021/04/07

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| Item | Capacitor Conductive polymer type capacitor |
| Part No. | TCTO series BL case |
| Product mass | 41.99 mg |

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| Company Name | ROHM Co., Ltd. |
| Address | 21, Saiin Mizosaki-cho, Ukyo-ku, Kyoto 615-8585, Japan |

| No. | Part Name | Substance Name | CAS No. | Mass (mg) | Concentration (wt%) | Remark |
|-----|-----------------------------|--------------------------|------------|-----------|---------------------|--------|
| 1 | Mold compound | Epoxy resin | 29690-82-2 | 0.699919 | 7.38475 | |
| 2 | | Epoxy resin | 9003-35-4 | 0.369957 | 3.90337 | |
| 3 | | Carbon | 7440-44-0 | 0.018996 | 0.20043 | |
| 4 | | Silica | 60676-86-0 | 8.389023 | 88.51145 | |
| 5 | Lead frame | Iron | 7439-89-6 | 2.225781 | 58.00000 | |
| 6 | | Nickel | 7440-02-0 | 1.611769 | 42.00000 | |
| 7 | Leadframe surface treatment | Copper | 7440-50-8 | 0.509939 | 100.00000 | |
| 8 | External plating | Tin | 7440-31-5 | 0.200292 | 98.00000 | |
| 9 | | Copper | 7440-50-8 | 0.004086 | 2.00000 | |
| 10 | Base wire | Iron | 7439-89-6 | 0.749270 | 58.00000 | |
| 11 | | Nickel | 7440-02-0 | 0.542578 | 42.00000 | |
| 12 | Die | Tantalum | 7440-25-7 | 23.647240 | 89.55620 | |
| 13 | | Heterocyclic compound | - | 1.929776 | 7.30839 | |
| 14 | | Carbon | 7440-44-0 | 0.189980 | 0.71948 | |
| 15 | | Acrylic resin | - | 0.012996 | 0.04922 | |
| 16 | | Silver | 7440-22-4 | 0.569934 | 2.15844 | |
| 17 | | Aromatic polyamide resin | - | 0.054994 | 0.20827 | |
| 18 | Inhibitor for absorption | Silicone compounds | - | 0.045996 | 100.00000 | |
| 19 | Conductive adhesive | Silver | 7440-22-4 | 0.119986 | 55.17241 | |
| 20 | | Copper | 7440-50-8 | 0.077992 | 35.86207 | |
| 21 | | Epoxy resin | - | 0.013000 | 5.97701 | |
| 22 | | Phenol resin | - | 0.006496 | 2.98851 | |

Remarks

- All information in this document is furnished for exploratory or indicative purposes only.
- This information provides estimates of the average weights and content of component materials. And does not include impurities or metals diffused in the silicon.
- The contained volume/mass is a calculated value. For this reason, there are cases when the total volume/mass may differ from the product volume/mass.
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