



List of Component

No. PN000087_Rev.A

Date 2021/04/23

| | |
|--------------|-----------------|
| Item | Diode |
| Part No. | RB400VYM-50FHTR |
| Product mass | 5.44 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 | Capacitor element | Silicon | 7440-21-3 | 0.171002 | 97.16000 | |
| 2 | | Silver | 7440-22-4 | 0.004998 | 2.84000 | |
| 3 | Lead frame | Copper | 7440-50-8 | 2.774123 | 99.90000 | |
| 4 | | Iron | 7439-89-6 | 0.002777 | 0.10000 | |
| 5 | Bonding Wire | Gold | 7440-57-5 | 0.033001 | 100.00000 | |
| 6 | Die attach | Silver | 7440-22-4 | 0.059329 | 85.86000 | |
| 7 | | Epoxy resin | - | 0.008009 | 11.59000 | |
| 8 | | Phenol resin | - | 0.001762 | 2.55000 | |
| 9 | External plating | Tin | 7440-31-5 | 0.150500 | 100.00000 | |
| 10 | Leadframe surface treatment | Silver | 7440-22-4 | 0.071800 | 100.00000 | |
| 11 | Mold compound | Silica | 60676-86-0 | 1.535429 | 70.99593 | |
| 12 | | Epoxy resin | 29690-82-2 | 0.216290 | 10.00092 | |
| 13 | | Epoxy resin | 85954-11-6 | 0.043298 | 2.00203 | |
| 14 | | Phenol -formaldehyde | - | 0.129794 | 6.00148 | |
| 15 | | Aluminum hydroxide | 21645-51-2 | 0.227090 | 10.50028 | |
| 16 | | CarbonBlack | 1333-86-4 | 0.010798 | 0.49936 | |

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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