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|-----------|----------|
| Product | LED |
| Series | SML-H1x8 |
| Mass (mg) | 3.264557 |

The RoHS directive, REACH regulation, and other laws and regulations related to the management of environmentally hazardous substances come into effect. When developing products, the global environmental load must be considered. ROHM pursues green procurement and endeavors to increase the detection accuracy of chemicals contained in parts and procured materials while at the same time placing great importance on the internal chemical management system that was built to ensure that no prohibited substances are procured, used, or shipped in order to provide a steady supply of worry-free products.

○ This item is in compliance with RoHS.

○ Pb free

| 製品本体 Product | | | | | | | | | |
|-----------------|--------------------------------|--------------------------|-----------------------------|-------------------------------------|----------------------------|-------------------------------|--|---|---------|
| No | 構成材料 Material Name | | 部位重量 Part Weight (mg) | 物質名 Substance Name | CAS No | 含有量 Content Weight (mg) | 含有率(%) (/製品重量) Content per Product Weight | 含有率(%) (/構成材料) Content per Part Weight | |
| 1 | 基板 Substrate | 基材 Substrate Material | 1.820057 | エポキシ樹脂 | Epoxy Resin | — | 0.679000 | 20.7991 | 37.3065 |
| | | | | ガラスクロス | Glass Cloth | — | 0.619000 | 18.9612 | 34.0099 |
| | | 端子処理 Electrode | | 銅 | Copper(Cu) | 7440-50-8 | 0.380000 | 11.6402 | 20.8785 |
| | | | | クロム及び3価クロム化合物 | Chromium Chemical Compound | — | 0.000007 | 0.0002 | 0.0004 |
| | | チタン化合物 | | Titanium Chemical Compound | — | 0.028000 | 0.8577 | 1.5384 | |
| | | ニッケル | | Nickel(Ni) | 7440-02-0 | 0.108200 | 3.3144 | 5.9449 | |
| | | 亜鉛 | | Zinc(Zn) | 7440-66-6 | 0.000040 | 0.0012 | 0.0022 | |
| | | 砒素 | | Arsenic(As) | 7440-38-2 | 0.000010 | 0.0003 | 0.0005 | |
| | | 金 | | Gold(Au) | 7440-57-5 | 0.005000 | 0.1532 | 0.2747 | |
| | | レジスト Resist Ink | | エポキシ樹脂 | Epoxy Resin | — | 0.000400 | 0.0123 | 0.0220 |
| | | | | 着色顔料 | Dye | — | 0.000400 | 0.0123 | 0.0220 |
| 2 | ダイボンディング材 Die-Bonding Paste | 0.050000 | 銀 | Silver(Ag) | 7440-22-4 | 0.040500 | 1.2406 | 81.0000 | |
| | | | ビスフェノールA型エポキシ樹脂 | Bisphenol A Epoxy Resin | 9003-36-5 | 0.006000 | 0.1838 | 12.0000 | |
| | | | その他 | Other | - | 0.003500 | 0.1072 | 7.0000 | |
| 3 | ボンディングワイヤー Bonding wire | 0.010000 | 金 | Gold(Au) | 7440-57-5 | 0.010000 | 0.3063 | 100.0000 | |
| 4 | 封止樹脂 Resin | 1.380000 | ビスフェノールAジグリシジルエーテル | Bisphenol A diglycidyl ether(BADGE) | 25068-38-6 | 1.258560 | 38.5522 | 91.2000 | |
| | | | その他 | Other | — | 0.121440 | 3.7200 | 8.8000 | |
| 5 | LED素子 LED Die | 0.004500 | ガリウム | Gallium(Ga) | 7440-55-3 | 0.002610 | 0.0799 | 58.0000 | |
| | | | 砒素 | Arsenic(As) | 7440-38-2 | 0.001710 | 0.0524 | 38.0000 | |
| | | | インジウム | Indium(In) | 7440-74-6 | 0.000034 | 0.0010 | 0.7500 | |
| | | | アルミニウム | Aluminum(Al) | 7429-90-5 | 0.000012 | 0.0004 | 0.2600 | |
| | | | リン | Phosphorus(P) | 7723-14-0 | 0.000033 | 0.0010 | 0.7400 | |
| | | | 金 | Gold(Au) | 7440-57-5 | 0.000056 | 0.0017 | 1.2500 | |
| | | | その他 | Other | — | 0.000045 | 0.0014 | 1.0000 | |
| Total | | | | | — | 3.264557 | 100.0000 | | |

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