



GenUV Sensor Part Numbers

1404

G UVA - T1 1 G D - L
① ② ③ ④ ⑤ ⑥ ⑦

① Manufacture
- G : Genicom Co., Ltd.

② Detection Range
- VGR : ~ 510 nm
- VBL : ~ 470 nm
- UVV : ~ 395 nm
- UVA : ~ 370 nm
- UVB : ~ 320 nm
- UVC : ~ 280 nm

③ Package Form
- S1 : SMD3528
- S2 : SMD1608
- S3 : SMD3020
- T1 : T0-46
- T2 : T0-39 & T05

④ Characteristics
- from 0 to 9
- or from A to Z

⑤ Window Type
- G : Quartz Glass
- S : Si-encapsulant
- E : Epoxy

⑥ Product Type
- D : Discrete
- H : Hybrid

⑦ Chip Size
- Skip : 0.4 × 0.4 mm²
- L : 1.4 × 1.4 mm²
- U : 3.4 × 3.4 mm²

Chip size

- Standard 0.4mmx0.4mm
- (-L) - Large chip 1.4mm x 1.4mm
- (-U) - Ultra large chip 3.4mm x 3.4mm

Windows

- G Quartz window
- GD-L Quartz lens
- S Silicon window
- E Epoxy

For SMD device, window materials are quartz or Silicon.

GenUV silicon window has good UV exposure test.

The characteristics did not change during 10,000hrs at 2.5mW/cm² of UVB. 2.5mW/cm² is equal to UVI=100.

Filters

- FD - Means a filter is used to narrow the bandwidth