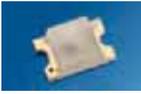
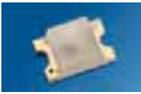
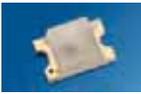


Light Emitting Diodes | Lumineszenzdioden

| Package Gehäuse | Type Bezeichnung | Emission color Emissionsfarbe | λ_{dom} (typ.) [nm] / Color coord. Cx/Cy | at I_F | | | 2 ϕ (typ.) (50% I_V) [°] | Ordering Code Bestellnummer | Package Fig. Bauteilzeich- nung |
|-------------------------------------------------------------------------------------|---------------------|-------------------------------------------------|------------------------------------------------------------------------|----------------|-------------------|----|----------------------------------------|--------------------------------|---------------------------------------|
| | | | | I_V [mcd] | Φ_V [mlm] | | | | |
| CHIPLED 1206 | | | | | | | | | |
|  | LH N974* | ● hyper red | 645 | 7.1 ... 45 | 15 | 20 | extremely wide viewing angle 160° | Q62702P5192 | 12 |
|  | LY N971* | ● yellow | 587 | 2.8 ... 18 | 40 | 20 | extremely wide viewing angle 160° | Q62702P5193 | 11 |
| | LG N971* | ● green | 570 | 7.1 ... 45 | 105 | | | Q62702P5191 | |
| CHIPLED 0805 | | | | | | | | | |
|  | LO R971* | ● orange | 605 | 2.8 ... 18 | 28 | 20 | extremely wide viewing angle 160° | Q62702P5180 | 13 |
| | LY R971* | ● yellow | 590 | | | | | Q62702P5181 | |
| | LG R971* | ● green | 570 | 7.1 ... 45 | 100 | | | Q62702P5179 | |
|  | LH R974* | ● hyper red | 645 | 11.2 ... 71 | 15 | 20 | extremely wide viewing angle 160° | Q62702P5182 | 14 |
|  | LS R976 | ● super red | 633 | 28 ... 180 | 330 | 20 | extremely wide viewing angle 160° | Q62702P5178 | 13 |
| | LO R976 | ● orange | 606 | 45 ... 280 | 520 | | | Q62702P5101 | |
| | LY R976 | ● yellow | 588 | | | | | Q62702P5177 | |
| CHIPLED 0603 0.4 mm | | | | | | | | | |
|  | LT Q39E-Q1S2-25-1-5 | ● true green | 530 | 71 ... 280 | 440 | 5 | horizontal 155°, vertical 135° | Q65110A7998 | 15 |
| | LB Q39E-L2N2-35-1 | ● blue | 470 | 14 ... 45 | 75 | | | Q65110A7212 | |
| | LB Q39E-N1P1-35-1 | | 28 ... 56 | 110 | Q65110A7941 | | | | |
| | LT Q39G-Q1S2-25-1-5 | ● true green | 530 | 71 ... 280 | 550 | | horizontal 160°, vertical 135° | Q65110A7997 | 17 |
| | LB Q39G-L2N2-35-1 | ● blue | 470 | 14 ... 45 | 95 | | | Q65110A7211 | |
| | LB Q39G-N1P1-35-1 | | 28 ... 56 | 140 | Q65110A7940 | | | | |
|  | LW Q38G-Q1S1-3K6L-1 | ○ white | 0.3 / 0.28 | 71 ... 224 | 440 | 5 | horizontal 150°, vertical 130° | Q65110A7209 | 18 |
| | LW Q38G-Q2R2-3K5L-1 | | | 90 ... 180 | 400 | | | Q65110A7584 | |
| | LW Q38E-Q1S2-3K6L-1 | | | 71 ... 280 | 520 | | Q65110A7210 | 16 | |
| | LW Q38E-Q2R2-3K5L | | | 90 ... 180 | 400 | | Q65110A7939 | | |
| CHIPLED 0603 0.6 mm | | | | | | | | | |
|  | LH Q974* | ● hyper red | 645 | 7.1 ... 45 | 15 | 20 | extremely wide viewing angle 160° | Q65110A4922 | 19 |

*not for new design

Outline drawings - Dimensions in mm (inch) | Outline drawings - Dimensions in mm (inch)

Figure 13: L* R971, L* R976

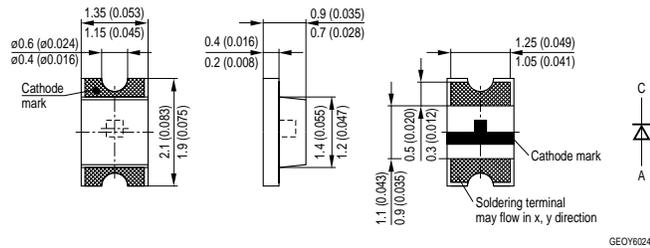


Figure 14: LH R974

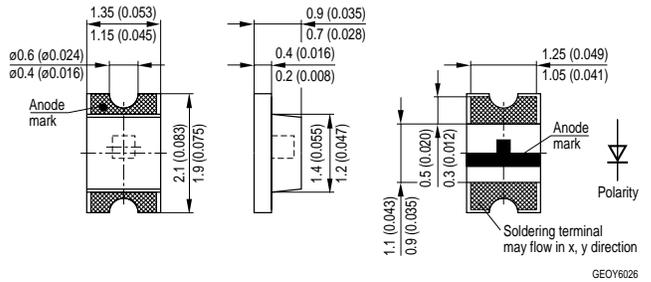


Figure 15: L* Q971, L* Q976

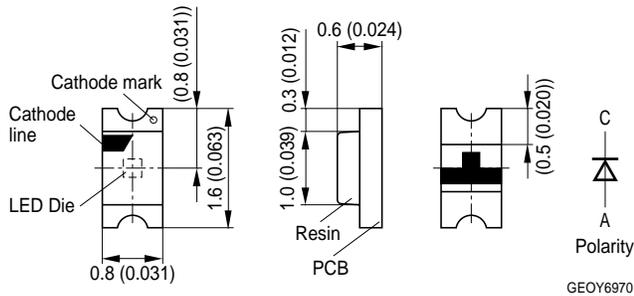


Figure 16: L* Q38E, L* Q39E

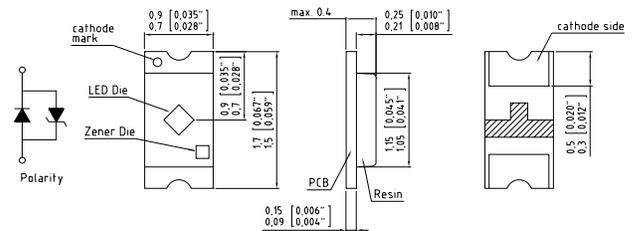


Figure 17:

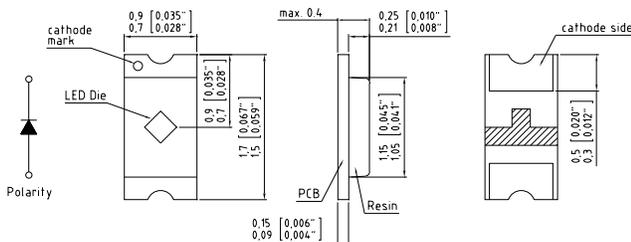


Figure 18: L* Q38G, L* Q39G

