

SMD LEDs



- Water Clear Lens Appearance
- 140° Viewing Angle
- Industry Standard Footprint
- Space Saving Design
- Ideal For Key Pad Backlights
- Works With All BivarOpto Light Pipes

SM0603 SERIES

Sub Miniature SMD

| PART NO. | CHIP | | LENS APPEARANCE | ABSOLUTE MAXIMUM RATINGS | | | | ELECTRO-OPTICAL DATA @20ma | | | VIEWING ANGLE (deg) |
|-------------|---------------|-----------|-----------------|--------------------------|---------|---------|--------------|----------------------------|------|---------------|---------------------|
| | EMITTED COLOR | PEAK (nm) | | $\Delta\lambda$ (nm) | pd (mW) | If (mA) | Peak If (mA) | Vf (V) | | Iv Typ. (mcd) | |
| | | | | | | | | TYPE | MAX. | | |
| SM0603RC | RED | 700 | WATER CLEAR | 90 | 50 | 15 | 50 | 2.3 | 2.6 | 2.0 | 140 |
| SM0603GC | GREEN | 568 | WATER CLEAR | 30 | 100 | 30 | 150 | 2.1 | 2.6 | 15.0 | 140 |
| SM0603HGC | HE GREEN | 568 | WATER CLEAR | 35 | 100 | 30 | 150 | 2.1 | 2.6 | 18.0 | 140 |
| SM0603YC | YELLOW | 585 | WATER CLEAR | 35 | 100 | 30 | 150 | 2.1 | 2.6 | 10.0 | 140 |
| SM0603HC | HE RED | 635 | WATER CLEAR | 45 | 100 | 30 | 150 | 1.9 | 2.6 | 12.0 | 140 |
| SM0603AC | AMBER | 610 | WATER CLEAR | 35 | 100 | 30 | 150 | 2.0 | 2.6 | 15.0 | 140 |
| SM0603PGC | PURE GREEN | 555 | WATER CLEAR | 25 | 100 | 30 | 150 | 2.1 | 2.6 | 2.0 | 140 |
| SM0603SRC | SUPER RED | 660 | WATER CLEAR | 20 | 60 | 30 | 150 | 1.7 | 2.6 | 20.0 | 140 |
| SM0603SRC-1 | SUPER RED | 660 | WATER CLEAR | 20 | 60 | 30 | 150 | 1.8 | 2.6 | 25.0 | 140 |
| SM0603URC | ULTRA RED | 660 | WATER CLEAR | 20 | 80 | 30 | 150 | 2.0 | 2.6 | 40.0 | 140 |
| SM0603UOC | ULTRA ORANGE | 620 | WATER CLEAR | 17 | 100 | 30 | 150 | 2.0 | 2.6 | 60.0 | 140 |
| SM0603UYC | ULTRA YELLOW | 588 | WATER CLEAR | 15 | 100 | 30 | 150 | 2.0 | 2.6 | 60.0 | 140 |
| SM0603BW | SUPER BLUE | 430 | WATER CLEAR | 65 | 150 | 30 | 150 | 4.0 | 4.5 | 20.0 | 140 |

ABSOLUTE MAXIMUM RATINGS (TA=25°C)

