



RGB, Vertical, Right Angle for Light Pipes & Backlighting

SurfLED™ Surface Mount LEDs



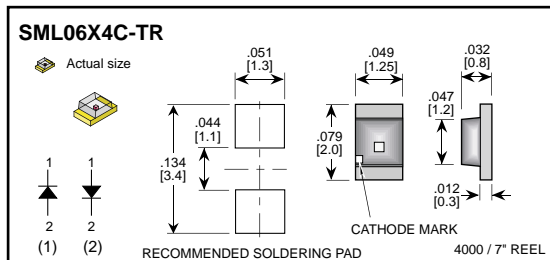
Features

- Compatible With Automatic Placement Equipment
- Compatible With IR and Vapor Phase Reflow Solder processes
- EIA Standard 8mm Tape, 7" Reel
- Small Size and Low Profile
- Ideal for High Density Mounting
- Industry Standard Footprint

Applications

- Optical Coupling into Light Pipes
- Backlighting Legends, LCD
- Logic/ Fault Status Indicator
- Backlighting Bargraph Light Pipes

2x1.25mm Miniature SurfLED



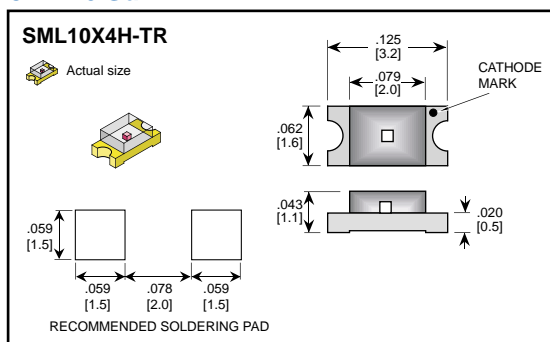
| Part Number | LED Color | Lens Type/Color | Electrical-Optical Characteristics (Ta = 25°C) | | | | Full Viewing Angle |
|------------------|-------------|-----------------|--|------------|----------------|-------|--------------------|
| | | | If = mA typ | Iv mcd typ | Vf = V typ/max | λP nm | |
| (1) SML06R6C-TR | UL RED | CLEAR | 20 | 11.7 | 1.7/2.3 | 660 | |
| (2) SML06O4C-TR | ORANGE | | 20 | 3.7 | 2.2/2.8 | 605 | |
| (2) SML06Y4C-TR | YELLOW | | 20 | 3.7 | 2.2/2.8 | 580 | |
| (2) SML06LY4C-TR | LIME YELLOW | | 20 | 11.7 | 2.1/2.8 | 570 | |
| (2) SML06G4C-TR | GREEN | | 20 | 6.4 | 2.1/2.8 | 560 | |
| (2) SML06PG4C-TR | PURE GREEN | | 20 | 2.7 | 2.1/2.8 | 555 | |

Direct Cross to:

Stanley: BR1112H, AA1112H, AY1112H, PY1112H, PG1112H, BG1112H
HP: HSMH-C670, HSMD-C670, HSMY-C670, HSMG-C670

Lumex: SML-LX0805 (SRC, IC, SYC, YC, GC)
IDI: CMD17-21 (SRC, VRC, VYC, VGC, UGC)
ROHM: SML-210 (LT, VT, DT, YT, MT, PT)

3.2x1.6 SurfLED



| Part Number | LED Color | Lens Type/Color | Electrical-Optical Characteristics (Ta = 25°C) | | | | Full Viewing Angle |
|---------------|------------|-----------------|--|------------|----------------|-------|--------------------|
| | | | If = mA typ | Iv mcd typ | Vf = V typ/max | λP nm | |
| SML10R3KH-TR | SP RED | WATER-CLEAR | 20 | 45.0 | 2.0/2.6 | 660 | |
| SML10R6H-TR | UL RED | | 20 | 30.0 | 1.7/2.6 | 660 | |
| SML10R4H-TR | HE RED | | 20 | 12.0 | 2.0/2.6 | 635 | |
| SML10O3KH-TR | SP ORANGE | | 20 | 60.0 | 2.0/2.5 | 620 | |
| SML10O4H-TR | ORANGE | | 20 | 15.0 | 2.0/2.6 | 610 | |
| SML10Y3KH-TR | SP YELLOW | | 20 | 60.0 | 2.1/2.5 | 595 | |
| SML10Y4H-TR | YELLOW | | 20 | 10.0 | 2.1/2.6 | 585 | |
| SML10G4H-TR | GREEN | | 20 | 15.0 | 2.2/2.6 | 568 | |
| SML10G5H-TR | UL GREEN | | 20 | 00 | 2.2/2.6 | 568 | |
| SML10PG4H-TR | PURE GREEN | | 20 | 1.5 | 2.2/2.6 | 555 | |
| SML10TR6H-TR | UL RED | DIFFUSED | 20 | 12.0 | 1.7/2.6 | 660 | |
| SML10TR4H-TR | HE RED | | 20 | 6.0 | 2.0/2.6 | 635 | |
| SML10TY4H-TR | YELLOW | | 20 | 6.0 | 2.1/2.6 | 585 | |
| SML10TG4H-TR | GREEN | | 20 | 7.0 | 2.2/2.6 | 568 | |
| SML10TPG4H-TR | PURE GREEN | 20 | 0.9 | 2.2/2.6 | 555 | 160° | |

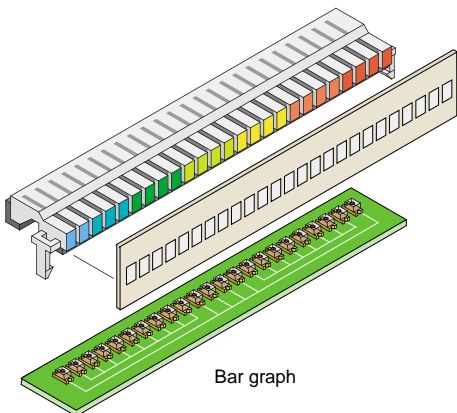
Direct Cross to:

Dialight: 597-3001-107, 597-3301-107, 597-3401-107

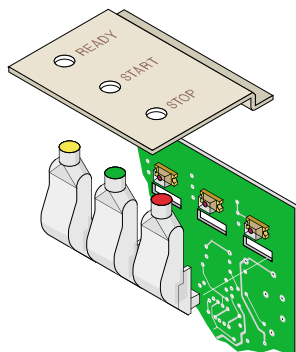
HP: HSMH-C650, HSMS-C650, HSMD-C650, HSMY-C650, HSMG-C650

Lumex: SML-LX1206SRC, SML-LX1206IC, SML-LX1206SYC, SML-LX1206YC, SML-LX1206GC

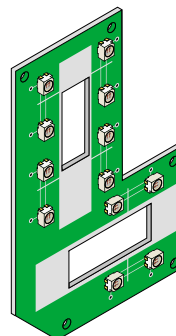
IDI: CMD15-21 (SRC, VRC, VYC, VGC, UBC, UGC, VRD, VGD, VYD)



Bar graph



Light pipe application



Backlighting