

## SMD LEDs



- ◆ 2mm Domed Lens Provides Narrow 20 Viewing Angle
- ◆ Super And Ultra-bright Colors Available
- ◆ Ideal For Use With SMD Flexible Light Pipes (SMFLP Series)
- ◆ Bi-Color And RGB Versions Available By Special Order
- ◆ 1500 Pieces Per Reel With Smaller Quantities Available Upon Request

### SM 2 SERIES

#### Surface Mount Discrete

| 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) TYP                 | MAX  |                     | Iv Typ (mcd) |
| SM2-ERC-20* | RED           | 660       | WATER CLEAR     | 25                       | 80      | 30      | 150          | 1.80                       | 2.30 | 152                 | 60           |
| SM2-SHC-20  | RED           | 640       | WATER CLEAR     | 23                       | 80      | 30      | 150          | 1.90                       | 2.40 | 416                 | 60           |
| SM2-UHC-20  | HE RED        | 635       | WATER CLEAR     | 25                       | 100     | 30      | 150          | 1.90                       | 2.40 | 536                 | 60           |
| SM2-UOC-20  | ORANGE        | 620       | WATER CLEAR     | 18                       | 100     | 30      | 150          | 1.90                       | 2.40 | 600                 | 60           |
| SM2-SAC-20  | AMBER         | 610       | WATER CLEAR     | 25                       | 100     | 30      | 150          | 1.90                       | 2.40 | 416                 | 60           |
| SM2-UAC-20  | AMBER         | 600       | WATER CLEAR     | 20                       | 100     | 30      | 150          | 1.90                       | 2.40 | 600                 | 60           |
| SM2-UYC-20  | YELLOW        | 595       | WATER CLEAR     | 32                       | 100     | 30      | 150          | 2.00                       | 2.50 | 456                 | 60           |
| SM2-YC-20   | YELLOW        | 586       | WATER CLEAR     | 37                       | 100     | 30      | 150          | 2.10                       | 2.50 | 49                  | 60           |
| SM2-SGC-20  | GREEN         | 575       | WATER CLEAR     | 18                       | 100     | 30      | 150          | 2.10                       | 2.60 | 296                 | 60           |
| SM2-GC-20   | GREEN         | 565       | WATER CLEAR     | 32                       | 100     | 30      | 150          | 2.25                       | 2.70 | 136                 | 60           |
| SM2-UGC-20  | GREEN         | 525       | WATER CLEAR     | 40                       | 150     | 30      | 150          | 3.20                       | 3.80 | 960                 | 60           |
| SM2-UTC-20  | GREEN         | 505       | WATER CLEAR     | 37                       | 150     | 30      | 150          | 3.30                       | 4.00 | 960                 | 60           |
| SM2-SBWC-20 | BLUE          | 460       | WATER CLEAR     | 68                       | 150     | 30      | 150          | 3.40                       | 4.00 | 288                 | 60           |
| SM2-BC-20   | BLUE          | 430       | WATER CLEAR     | 60                       | 150     | 30      | 150          | 4.00                       | 4.50 | 64                  | 60           |

\*ERC Reversed Polarity

