



EB-VCSEL-TOF-3-0808-06-001

| | Unit | Min | Typ | Max |
|-----------------------------|-----------------|-----|----------|-----|
| Optical | | | | |
| Center Wavelength | nm | 802 | 808 | 814 |
| Output Power | W | 2.7 | 2.9 | 3.1 |
| Far Field Divergence Angle | ° | 21 | 22 | 23 |
| Spectral Width (FWHM) | nm | / | 0.76 | 1.3 |
| Electrical | | | | |
| Power Conversion Efficiency | % | 36 | 38 | 41 |
| Slope Efficiency | W/A | 0.8 | 1 | 1.1 |
| Threshold Current | A | / | 0.6 | 0.7 |
| Operating Current | A | / | 3.5 | 3.7 |
| Operating Voltage | V | / | 2.1 | 2.4 |
| Geometric Size | | | | |
| Emitter Number | # | | 580 | |
| Emitter Arrangement | # | | Dense | |
| Array Size | μm ² | | 1045*997 | |
| Others | | | | |
| Environmental Attributes | # | | RoHS2.0 | |
| Test Temperature | °C | | 50 | |

Product Features



High Reliability



High Efficiency



Low Divergence Angle

Application Area



Medical Beauty



Security Lighting



Machine Vision