



EB-VCSEL-CW-40-808-8-01

| | Unit | Min | Typ | Max |
|-----------------------------|-----------------|-----------|-----------|-----------|
| Optical | | | | |
| Center Wavelength | nm | 798 | 808 | 818 |
| Output Power | W | 40 | 45 | 50 |
| Far Field Divergence Angle | ° | | 22 | |
| Spectral Width (FWHM) | nm | | 1 | |
| Electrical | | | | |
| Power Conversion Efficiency | % | | 38.7 | |
| Slope Efficiency | W/A | | | 1.1 |
| Threshold Current | A | | 14.1 | |
| Operating Current | A | | 60 | |
| Operating Voltage | V | | 1.94 | |
| Geometric Size | | | | |
| Emitter Number | # | | 11443 | |
| Emitter Arrangement | # | | Dense | |
| Array Size | μm ² | 4960*4960 | 5060*5060 | 5160*5160 |
| Others | | | | |
| Environmental Attributes | # | | RoHS2.0 | |
| Test Temperature | °C | | 25 | |

Product Features



High Power



High Efficiency



CW Mode

Application Area



Medical Beauty



Solid State Pump Source