



EB-BC-125-0905-10-001

| | Unit | Min | Typ | Max |
|------------------------------------|-------|-----|-------|-----|
| Optical | | | | |
| Center Wavelength | nm | 895 | 905 | 915 |
| Wavelength Tolerance | nm | | ±10 | |
| Output Power | W | 110 | 125 | |
| Operation Mode | # | | Pulse | |
| Fast Axis Divergence (FWHM) | Deg | | 24 | 30 |
| Slow-axis Divergence (FWHM) | Deg | | 10 | 15 |
| Spectral Width (FWHM) | nm | | 7 | 10 |
| Wavelength Temperature Coefficient | nm/°C | | 0.3 | |
| Electrical | | | | |
| Slope Efficiency | W/A | | 3.3 | |
| Threshold Current | A | | 0.8 | 1.5 |
| Operating Current | A | | 40 | |
| Operating Voltage | V | | 11 | 14 |
| Geometric Size | | | | |
| Emitter Width | μm | | 200 | |
| Cavity Length | mm | | 0.8 | |
| Width | μm | | 400 | |
| Emitter Number | # | | 1 | |
| Thickness | μm | 135 | 145 | 155 |

Product Features



High Reliability



4 Junctions
and 8 Channels



Low Divergence Angle

Application Area



Vehicle LiDAR



Robotic Sensing