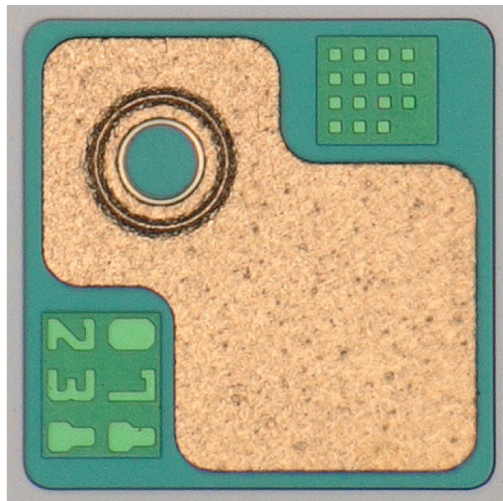


940 NM MULTI-MODE SINGLE EMITTER VCSEL

VGP00014v5

Coherent's multimode high power VCSELs are designed to meet stringent specifications for a broad range of optical 3D sensing applications. This product is optimized for high volume consumer applications such as proximity sensing and camera auto-focus.



FEATURES

- High efficiency and reliability
- Multi transverse mode emission
- Doughnut shaped farfield
- Non-hermetic operation
- Available in high volume

APPLICATIONS

- Illumination
- Proximity sensing
- Auto Focus

940 NM MULTI-MODE SINGLE EMITTER VCSEL

Product Description

Parameter 25 °C, Continuous Wave Operation	Typical	Unit
Operating Current	20	mA
Operating Power	17	mW
Operating Voltage	2.25	V
Power Conversion Efficiency	40	%
Chip Mechanical Dimensions	175 x 175	μm^2