

25W 905nm QCW Laser Bare Bar for Laser Radar



Data Sheet

Item No: LC905SB25

Item Name:QCW 25W 905nm Laser Bare Bar for Laser Radar

Operation

Center Wavelength	905nm
Output Power	25W
Operation mode	QCW

Geometrical

Emitter width	70um
Cavity length	1000um
Chip Height	125um
Emitter Pitch	400um

Electro Optical Data

Threshold current	0.35A
Operating current	10A
Operating voltage	6.3V
Slope efficiency	3.2W/A
Total conversion efficiency	40%
Slow axis divergence	9
Fast axis divergence	27
Spectral width	4nm
Polarization	TE