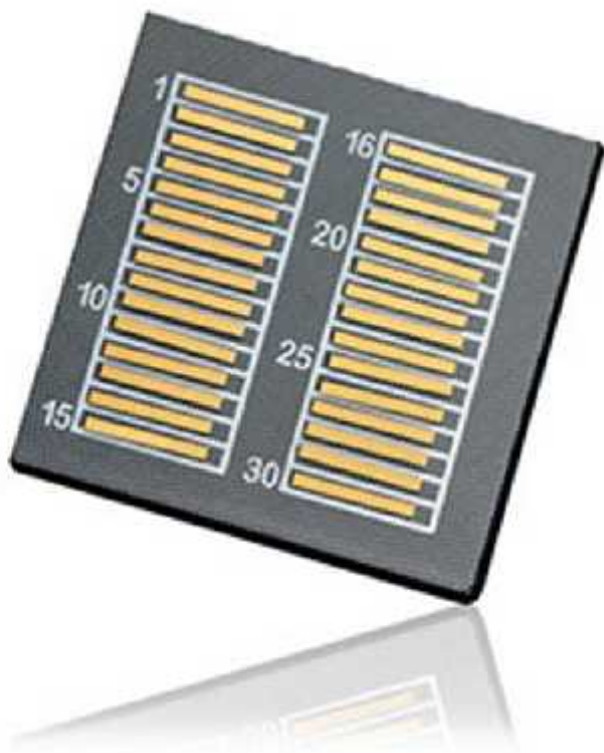


905nm 75W Single Emitter Laser Chip on Submount Package



Data Sheet

Item No:LC905SB75

Item Name:905nm 75W Single Emitter Laser Chip

Operation

Center Wavelength	905nm
Output Power	75W
Operation mode	QCW

Geometrical

Emitter width	135um
Cavity length	1000um
Chip Height	125um
Emitter Pitch	400um

Electro Optical Data

Threshold current	0.68A
Operating current	20A
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