

100mW 974nm Diode Laser Bare Chip

Features:

- > Working mode: CW
- > Emitter width: 4um
- > Cavity length: 990um-1010um
- > Chip width: 490-510um
- > Thickness: 135um-165um



Data sheet:

Item No:LC974SE100

Item Name: 100mW 974nm Single Emitter Laser Chip

Optical	Min	Typ	Max
Central Wavelength	971	974	977
Output Power		100	
Spectrum Width		2	
Emitter Width		4	
Cavity Length	990	1000	1010
Chip Width	490	500	510
Thickness	135	150	165
Fast Axis Divergence(FWHM)		40	
Slow Axis Divergence(FWHM)		8	
Electrical	Min	Typ	Max
Operating Current Iop		120	130
Threshold Current Ith		15	
Operating Voltage Vop		2	2.5
Conversion Efficiency	30	40	
Thermal	Min	Typ	Max
Operating Temperature		25	
Wavelength Temperature Coefficient		0.3	