

# OPTOENERGY

## 915 nm 80W-Mini Bar

### Bare Chip

940, 975nm Available

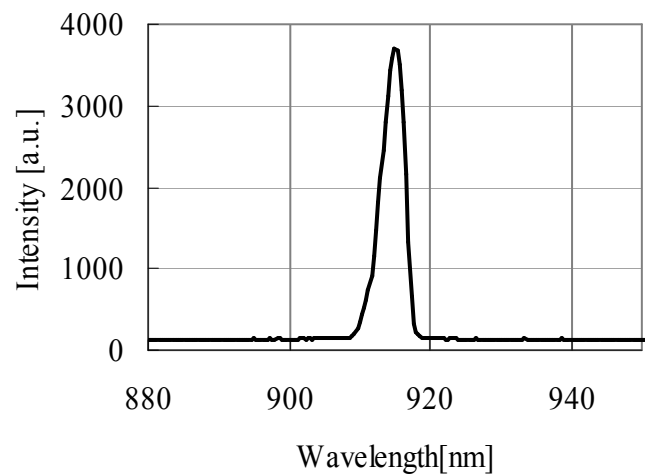
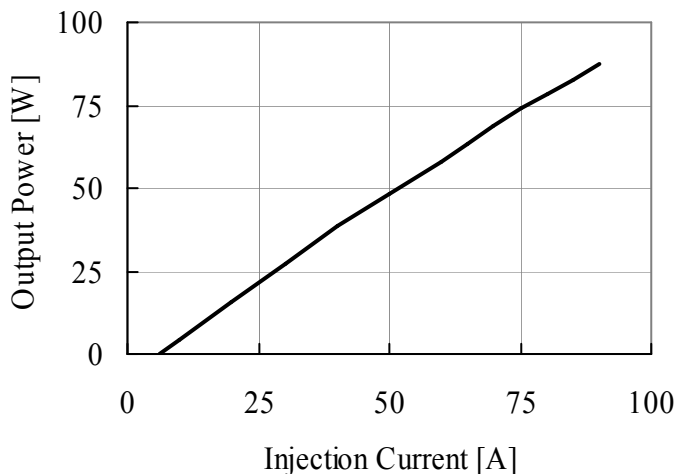


### Product Specifications at 25°C

Type			
Model No.		915048412	
Output Power	Po	W	80
Center wavelength	$\lambda_c$	nm	915
Emitter aperture width	Wa	um	100
Emitter spacing	Wsp	um	500
Cavity length	L	mm	4
Bar length	W	mm	3.5
Threshold current	Ith	A	6
Slope efficiency	$\eta_s$	W/A	1.1
Operating current	Iop	A	85.0
Operating voltage	Vop	V	1.8
Spectral width	$\Delta\lambda$	nm	4
Spectral temperature shift	$d\lambda/dT$	nm/K	0.3
Far-field parallel FWHM	$\theta_{//}$	deg.	10
Far-field perpendicular FWHM	$\theta_{\perp}$	deg.	26
Polarization			TE

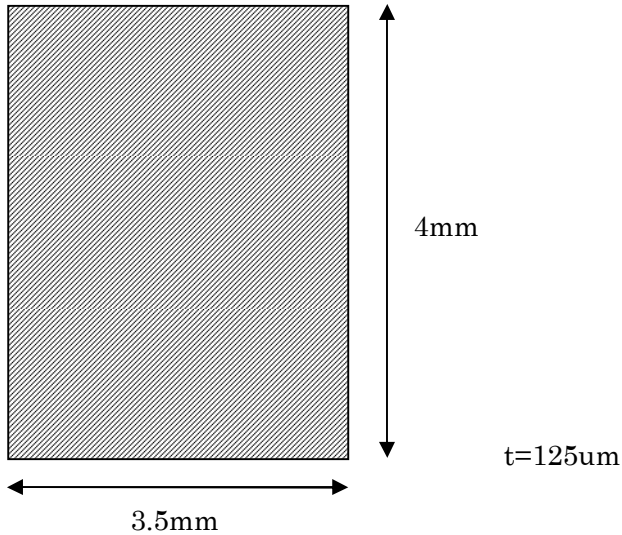
### Typical Characteristics

#### L-I / Spectrum



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## Dimension



## Caution

This laser emits invisible radiation which may be harmful to the eyes.

Avoid direct or reflected light from this device. Because of the small size of these devices, each of the labels is attached to the individual shipping container.

