



LD808-1000-2

●Specifications:

Wavelength: 808nm
 Power: 1000mW CW
 Package: TO5

●Electrical and Optical Characteristics(T_c=25°C):

Parameter		Symbols	Min.	Typ.	Max.	Unit
Lasing Wavelength		λ_p	803	808	813	nm
Power		P_o	1000			mW
Threshold Current		I_{th}	<260			mA
Operating Current		I_{op}	<1300			mA
Operating voltage		V_{op}	1.6	2.0	2.2	V
Emission Area		-	100x1			μm^2
Beam ¹⁾ Divergence	Parallel	$\theta_{//}$	12			deg.
	Perpendicular	θ_{\perp}	40			deg.
Slope Efficiency		η	>1			mW/mA
Series Resistance		R_d	<0.5			Ω
Polarization Direction			TE			

1) Full angle at half Maximum

●Dimensions(mm):

