Wavelength: 808 (±nm)
Power: 200 (mw)
Working temperature: Tc=25℃
Working current: 280↓ (mA)
Threshold current: 100 (mA)
Monitoring current: (mA)
Working voltage: 2.1↓(V)
Working temperature: -10~ 40℃
Storage temperature: -40~ 80℃
Divergence angle: 15*30

Package form: To-18 (φ5.6mm) single horizontal mold with glass window automatic package
Working medium: semiconductor laser
Wavelength: 808nm
Light Output: 300mW CW
Package Type: TO-18(Φ5.6mm)

■Absolute Maximum Ratings (Tc=25℃)

Parameter	Symbol	Rating	Unit
Optical Output	Po	300	mW
ReverseVoltage	Vr	2	V
Operating Temperature	Top	-10~ +40	℃
Storage Temperature	Tstg	-15~ +85	℃

■Electrical and optical Characteristics(Tc=25℃)

Parameter		Symbols	Typ	Units
Threshold Current		Ith	110	mA
Operating Current		Iop	390	mA
Operating Voltage		Vop	1.8	Volts
Slope Efficiency		η	0.7	mW/mA
Beam Divergence (FWHM)	Parallel	θ ∥	10	deg
	Perpendicular	θ ⊥	32	deg
Lasing Wavelength		λ p	808	nm