

SHARP GH0631IA5G *Single-mode Red Laser Diode*



↶ To the Wavelength
↶ To the Package

$\phi 3.8\text{mm}$ TO-CAN Package

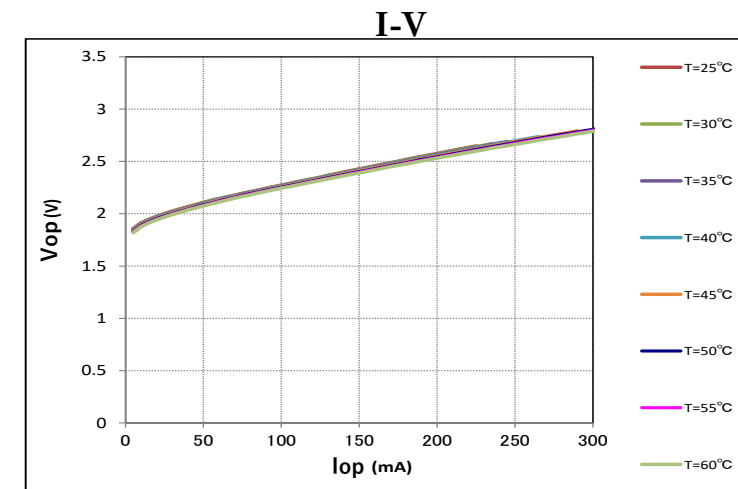
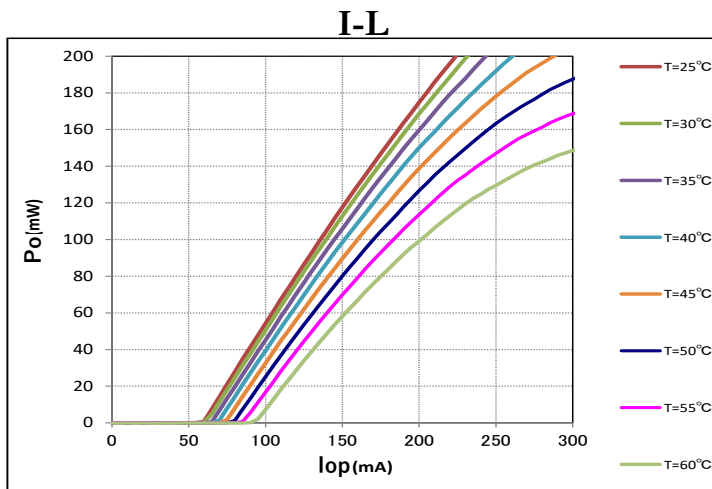
March 2022

■ Characteristics

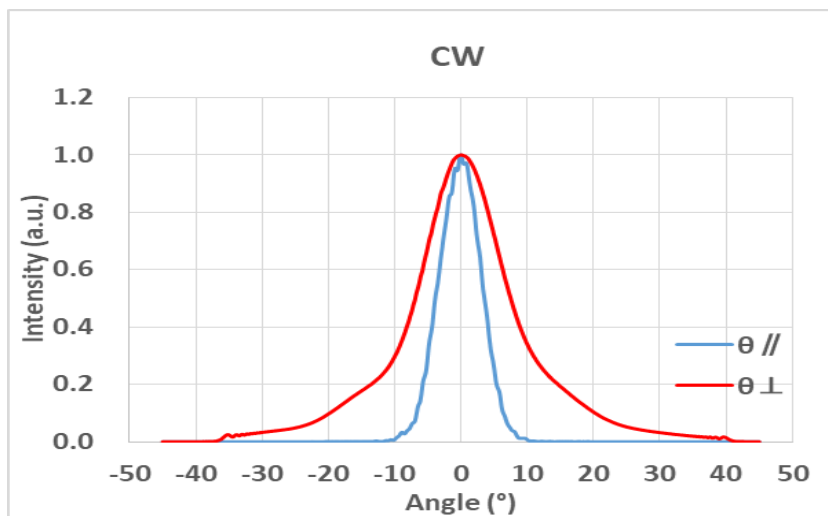
($T_c=25^\circ\text{C}$, CW)

Item	Conditions	Characteristic value (TYP.)
Wavelength (Peak)	$P_o=150\text{mW}$	638nm
Output(mW) [Max]	—	150mW [185mW]
Threshold current	—	60mA
Operating current	$P_o=150\text{mW}$	190mA
Operating voltage	$P_o=150\text{mW}$	2.5V
Far Field (FWHM ($^\circ$))	$P_o=150\text{mW}$	$\theta_{//} 7.5, \theta_{\perp} 15$
Terminal connections	No.8	$\phi 3.8$

■ CW I-L, I-V Temperature



■ Far Field Pattern



■ Near Field Pattern

