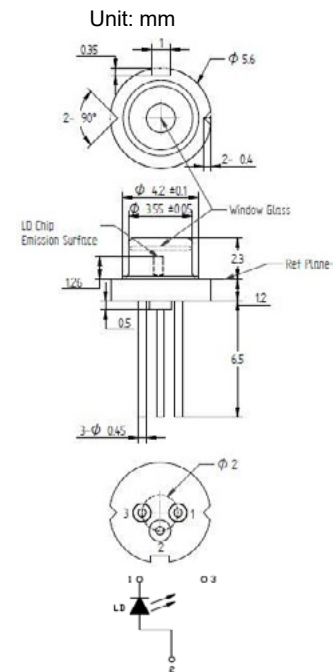


6-2D-LD80-005_Rev.01



Parameter	Symbol	Condition	Rating	Unit
Light output power	P _O	CW	1.2	W
Reverse voltage (LD)	V _{RL}	-	2	V
Case temperature	T _C	-	-10~+50	°C
Storage temperature	T _S	-	-40~+85	°C

Parameter	Symbol	Min.	Typ.	Max.	Unit	Conditions
Peak wavelength	λ	798	808	818	nm	$P_o=1W$
Threshold current	I_{th}	-	320	450	mA	
Operating current	I_{op}	-	1200	1600	mA	
Operating voltage	V_{op}	-	1.9	2.5	V	
Differential efficiency	η	0.7	1.1	1.4	mW/mA	$P_o=0.4-1.2W$
Parallel divergence angle	$\theta_{//}$	-	7	12	deg.	$P_o=1W$
Perpendicular divergence angle	$\theta_{\perp}$	30	35	40	deg.	