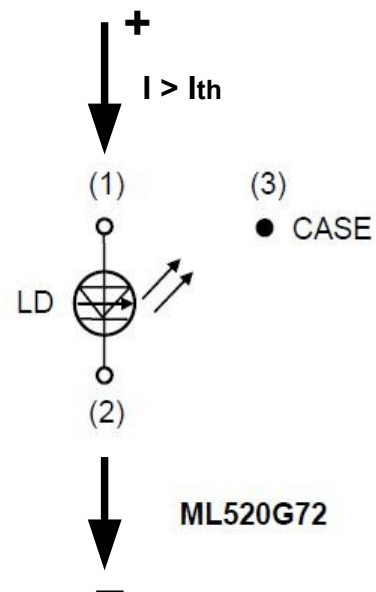
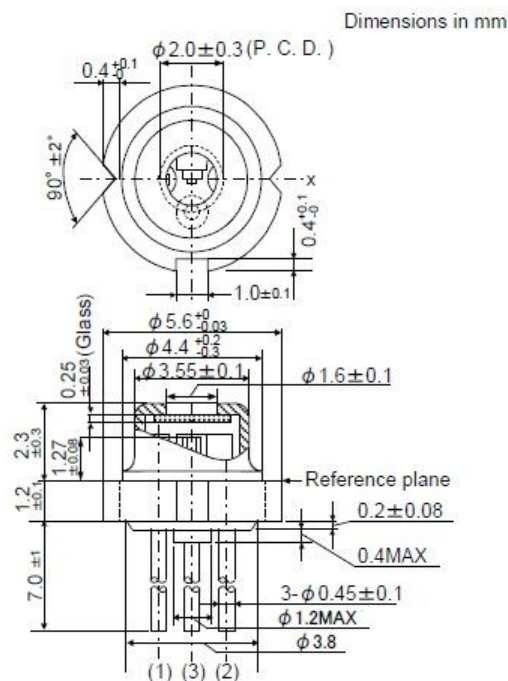


ML520G72



ø 5.6mm



ELECTRICAL/OPTICAL CHARACTERISTICS (Tc=25°C)

Symbol	Parameter	Test conditions	Min.	Typ.	Max	Unit
I_{th}	Threshold current	CW	90	160	210	mA
I_{op}	Operating current	CW, $P_o=500\text{mW}$	500	680	800	mA
V_{op}	Operating voltage	CW, $P_o=500\text{mW}$	1.9	2.3	2.6	V
η	Slope efficiency	CW, $P_o=500\text{mW}$	0.8	1.0	1.4	mW/mA
λ_p	Peak wavelength	CW, $P_o=500\text{mW}$	632	638	644	nm
$\theta_{//}$	Beam divergence angle (parallel)	CW, $P_o=500\text{mW}$	1	9	15	°
θ_{\perp}	Beam divergence angle (perpendicular)	CW, $P_o=500\text{mW}$	25	35	45	°

