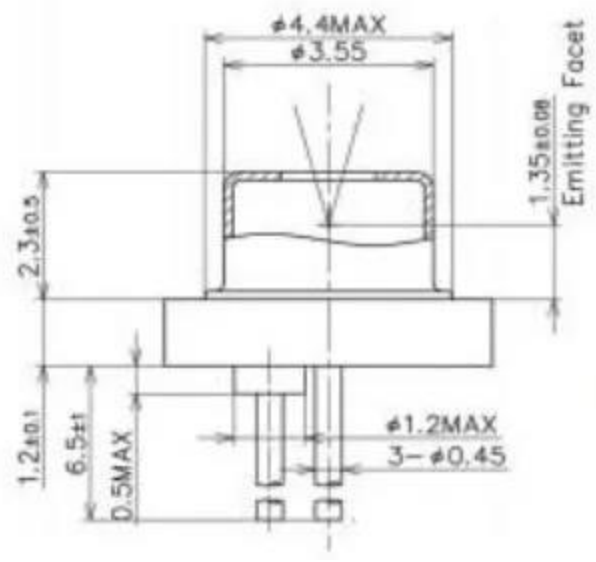
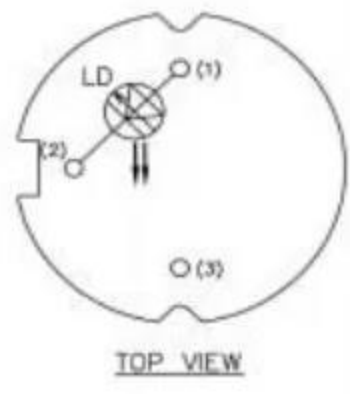
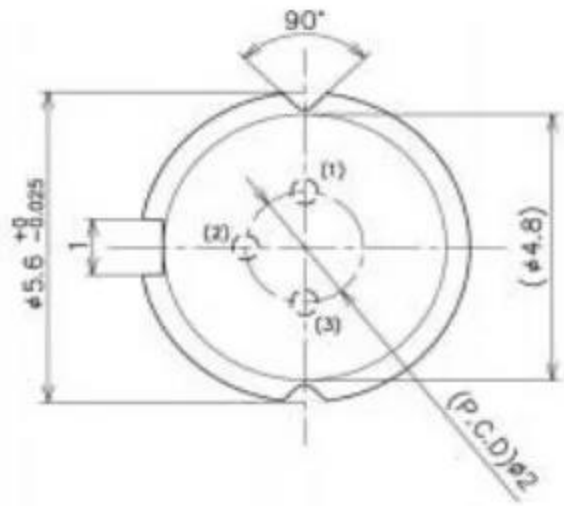


JDSU 850nm 1w

Parameter (25 °C)		Symbol	Unit	Numerical value
Optical Data	Output power CW	P_o	mW	1000
	Centre wavelength	λ_c	nm	850
	Tolerance of λ	-	nm	± 5
	Spectral Width (FWHM)	$\Delta\lambda$	nm	<3
	Wavelength stability coefficient		nm/°C	~0.3
Electrical Data	Operating current	I_{op}	mA	1300
	Threshold current	I_{th}	mA	200
	Conversion efficiency	η	%	34
	Slope efficiency	η_D	mW/mA	1.1
	Operating voltage	V_{op}	V	2.5
Others	Beam Divergence	$\theta_{//}$	°	7.5
		θ_{\perp}	°	35
	Can Type		TO-18	
	Emitter size		um	50
	Operating temperature	T_{op}	°C	10~50
	Storage Temperature	T_{st}	°C	-20~+80
	Lifetime	MTTF	h	>10,000



All Dimensions in millimeters