

Package Tolerance : ± 0.2
Unit : mm

Technical drawing of the top view of a circular component. The drawing shows concentric circles with the following dimensions:

- Outermost circle: $\varnothing 9.0 \pm 0.025$
- Second circle from outside: $\varnothing 5.35$
- Third circle from outside: $\varnothing 4.75$
- Innermost circle: $\varnothing 2.1$

Effective Window Diameter 1.0min.

The drawing also includes a horizontal centerline and a vertical centerline intersecting at the center. A dimension of 1.0 is shown for the distance from the center to the edge of the innermost circle. The text "Top View" is written to the right of the drawing.

[illegible]

Pin Connection

[H]

Parameter		Symbols	Conditions	Min	Typ	Max	Units
Threshold Current		I _{th}	-	-	0.11	0.15	A
Operating Current		I _{op}	P _o =0.5W	-	0.59	0.85	A
Operating Voltage		V _{op}	P _o =0.5W	-	1.65	2.0	Volts
Slope			-				
Efficiency		η	-	-	0.85	-	W/A
Beam Divergence (FWHM)	Parallel	θ ∥	P _o =0.5W	-	7	10	deg
	Perpendicular	θ ⊥	P _o =0.5W	-	34	38	deg
Parallel Deviation Angle		△ θ ∥	P _o =0.5W	-3	-	3	deg
Perpendicular Deviation Angle		△ θ ⊥	P _o =0.5W	-3	-	3	deg
Emission Point Accuracy		△X,△Y,△Z	P _o =0.5W	-80	-	80	um
Lasing Wavelength		λ _p	P _o =0.5W	970	980	990	nm

Im is sorting by custom's need

© $\theta_{\parallel}$ and $\theta_{\perp}$ are defined as the angle within which the intensity is 50% of the peak value.