



# 635nm 150mW Single Diode Laser(T09-AuSn)

## Applications

- Medical Illumination
- Target Indication
- Laser Show
- Stage Lighting



## Parameters (20°C)

TO9 Package Single Diode Laser (AuSn)					
Item	Parameter	Unit	LDM-0635-150m-*3		
			Min.	Typical	Max.
Optical Parameter	Output power	mW	-	150	-
	Lasing Wavelength	nm	625	635	645
	Spectral Width	nm	-	0.8	2.0
	Emitting Area width	μm	-	100	-
	Temperature Coefficient	nm/°C	-	0.30	-
	Fast Axis Divergence	deg	-	28	35
	Slow Axis Divergence	deg	-	5	8
Electrical Parameter	Slope Efficiency	W/A	0.90	-	-
	Threshold Current	A	-	0.30	0.45
	Operating Current	A	-	0.55	0.70
	Operating Voltage	V	-	2.10	2.30
Others	Package	-	T09		
	Operating Temperature	°C	10 ~ 35		
	Storage Temperature	°C	-10 ~ 60		



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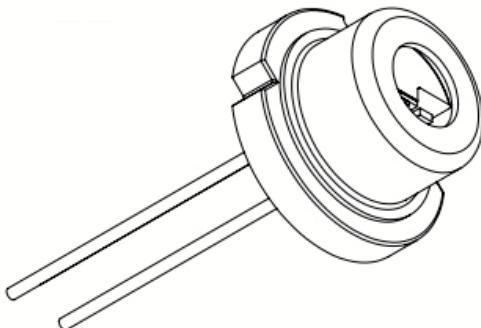
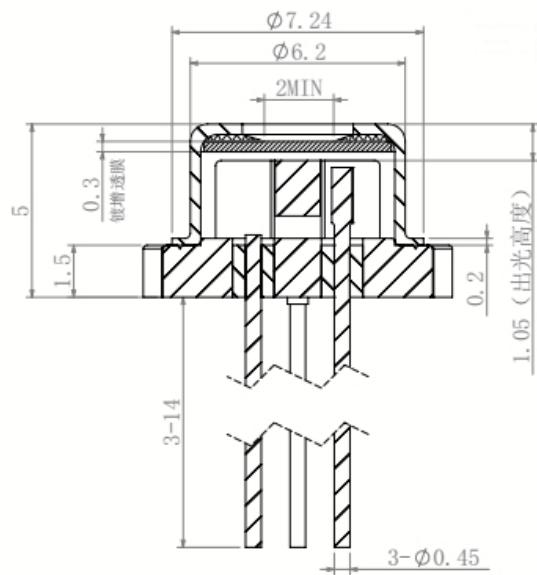
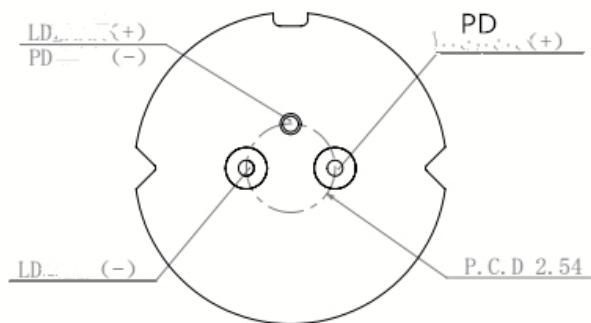
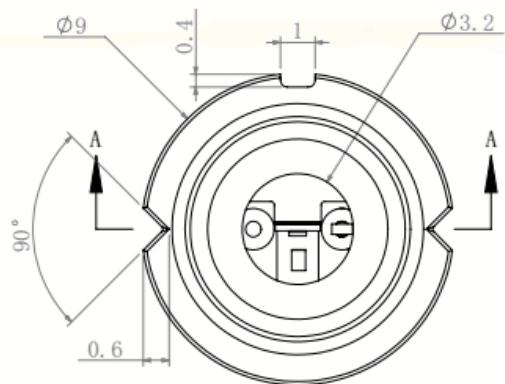
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## Package Information



T09 AuSn Package



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## Notice

1. Item model notice: LDM(Item model),\*\*\*\*( Center wavelength),\*\*\*\*(Output power), \*\*(Heat sink structure and item width).
2. Data in the sheet are all basis on TO9 package heat sink testing.
3. For more information, please contact Hi-Tech Optoelectronics Co., Ltd.



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