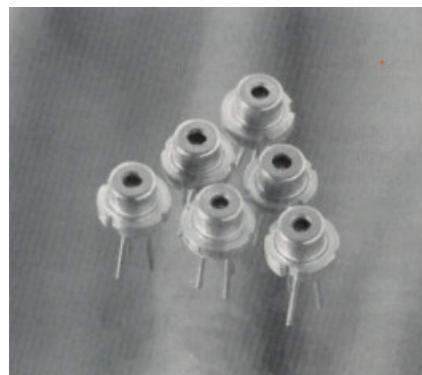


VISIBLE LASER DIODE

MODEL • RLD-650 (5)

- Description:

RLD-650 (5) is a MOCVD grown 650nm band InGaAlP laser diode with quantum well structure. It's an attractive light source, with a typical light output power of 5mW for optoelectronics devices such as Level tooling and laser beam pointers.



Package ø5.6 mm

- Electrical and Optical Characteristics (Tc=25°C)

<i>RLD-650 (5)</i>	Symbol	Min	Typ	Max	Unit
Wavelength	•	-	650	660	nm
Optical output power	P _o	-	5	-	mW
Threshold current	I _{th}	-	25	40	mA
LD operating current	I _{op}	-	32	45	mA
LD operating voltage	V _{op}	-	2.2	2.6	V
Beam divergence	••	6	9	13	deg. FWHM
Beam divergence	••	22	29	38	deg. FWHM
Monitor current	I _m	0.05	0.1	0.3	mA
Laser Diode reverse voltage	VR (LD)	-	2	-	V
Photo Diode reverse voltage	VR (PD)	-	30	-	V
Operating temperature	T _{opr}	-	-10~+50	-	•
Storage temperature	T _{stg}	-	-40~+85	-	•

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