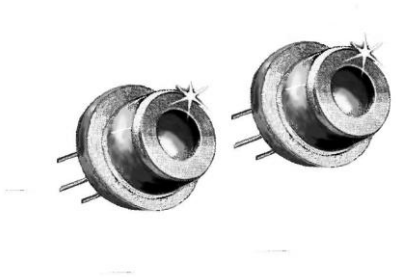

LASER DIODE FLPI-1060-1-FCcoax

FLPI-1060-1-FCcoax is 1060nm fabricated by MOCVD semiconductor laser diode. Low threshold current and high slope efficiency contribute to low operating current enhancing reliability.

FLPI-1060-1-FCcoax is a pulse multi-mode injection semiconductor laser diode. The laser diode is suitable for application in various opto-electronic systems.

Optical and electrical characteristics (T = 25°C, Lp = 100ns, Df = 0,06%, I = If):

Operating parameters	Symbol	Min	Typ	Max	Unit
Optical power from the fiber output	Pout	-	1.0	1.5	W
Wavelength	λ	1050	1060	1070	nm
Threshold current	Ith		0.3		A
Forward current	If		8.0	9.5	A
Forward voltage	Uf		2.4		V
Spectral width (FWHM)	Δλ		3.0		nm
Mode structure			MM		
Fiber			100/125μm, N.A. <0,22		
Differential efficiency	dPo/dIop		0.7		mW/mA

Additional information

- - wavelength drift - <0,5nm/°C
- - operating temperature - -40°C +80°C;
- - monitor diode - optional;

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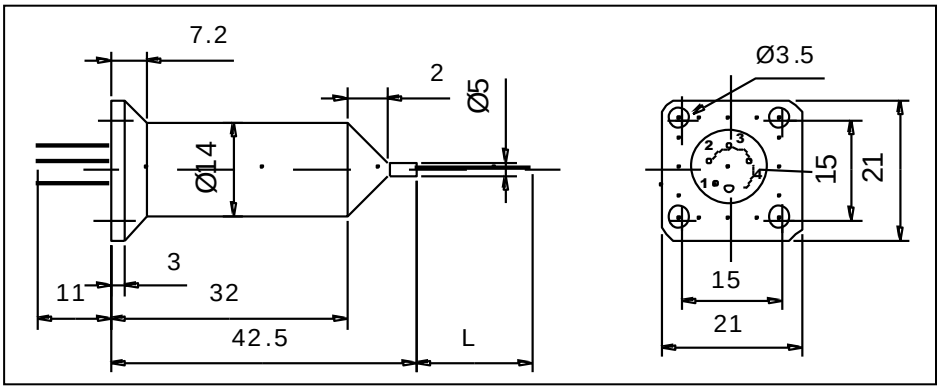
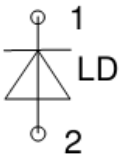
PACKAGE SPECIFICATION



Connection

1 LD cathode
2 LD anode (case)
3 NC



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