

FELM-532-20T

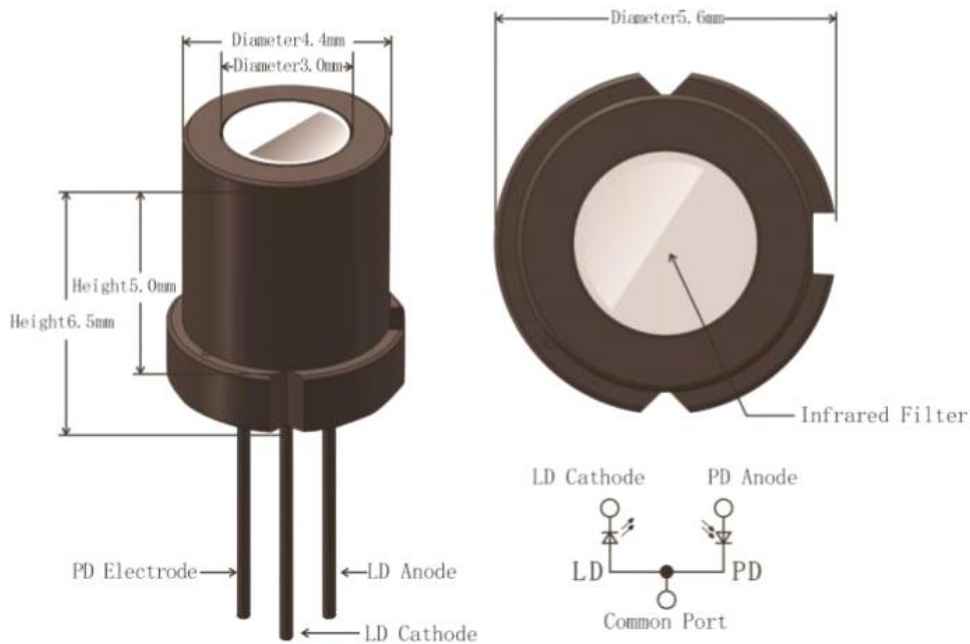
Mini Green DPSS Laser

Features

- Small Size
- Wide Temperature Range
- Low Power Consumption
- Monitoring Diode (PD)



Dimensions (mm)



Specifications					
Model Number		FELM-532-20T			
Mechanical Specifications		Specs			Conditions
		Min	Typ	Max	
Dimensions	Diameter (mm)	-	5.6	-	
	Length (mm)	-	6.5	-	
Optical Specifications					
Wavelength (nm)		531	532	533	
Output Power (mW)		-	20	-	
Parallel Divergence Angle (degree)		8	10	13	Po=20mW
Perpendicular Divergence Angle (degree)		8	10	13	Po=20mW
Parallel FFP Deviation Angle (degree)		-3	-	+3	Po=20mW
Perpendicular FFP Deviation Angle (degree)		-3	-	+3	Po=20mW
Emission Point Accuracy (µm)		-100	-	+100	Po=20mW
Electrical Specifications					
Threshold Current (mA)		-	80	100	
Operating Current (mA)		-	100	240	Po=20mW
Operating Voltage (V)		-	1.8	2.1	
Electro-Optical Efficiency (mW/mA)		0.15	0.2	0.3	Po=10-20mW
Monitor Current (µA)		100	500	800	Po=20mW VRD=5V
Reliability					
Operating Case Temperature (°C)		-20	-	45	
Reverse Voltage Protection (V)		-	-	3.0	

