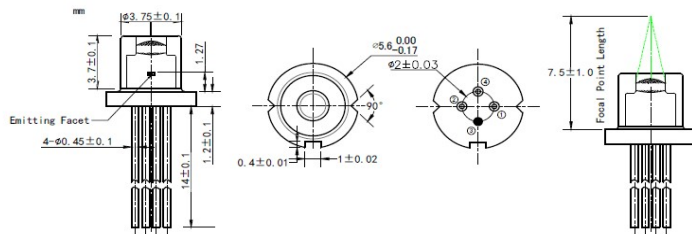


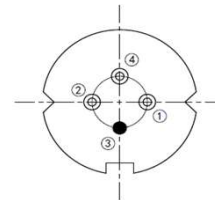
1550nm 20mW Single Mode Laser Diode

Part Number		WSLD-1550-020m-1-PD		
PARAMETER		SYMBOL	VALUE	UNIT OF MEASURE
Reverse Voltage		V_r	2.0	V
Operating Temperature		T_{op}	-10~+50	°C
Storage Temperature		T_{stg}	-40~+85	°C
Lead Soldering Temperature (10 sec.)		T_{is}	260	°C
Typical Specification (@25C°)		Min.	Typical Value	Max.
Optical Specifications	Center Wavelength	1550nm +/-10nm		
	Output Power	----	20mW	----
	Spectral Width(FWHM)	----	----	2.0nm
	Wavelength Temp. Coefficient	0.09nm/°C		
	Laser Type	DFB		
	Beam Type	Single Mode		
	Beam Divergence(FWHM)	----	----	----
Electrical Specifications	Slope Efficiency	----	0.3mW/mA	----
	Threshold Current	----	5mA	15mA
	Operating Current	----	90mA	100mA
Photodiode Specifications	Operating Voltage	----	1.4V	1.7V
	Photodiode	Built-in		
	PD Current	----	0.5mA	----
Other Specifications	PD Reverse Voltage (Max.)	15V		
	Package Style	TO18 (5.6mm)		
Window Type	Recommended Operating Temp.	25°C		
		Flat Window (Optional) Non-Spherical-Lens Window (Standard)		

Product Package View:
TO18 (5.6mm) Package:



PIN Bottom View (A-Type):



Pin-1	PD(+)
Pin-2	LD(-)
Pin-3	LD(+),CASE
Pin-4	PD(-)