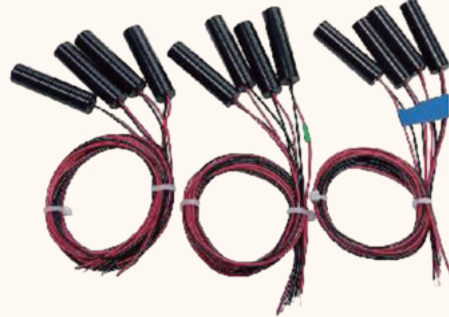


Point laser module · High collimation



PERFORMANCE

Product Parameters	405-450nm	505-520nm	635-650nm	780-980nm
Wavelength Error	±10nm	±5nm	±5nm	±10nm
Output Power	0.5~60.0mW	0.5~30.0mW	0.5~150.0mW	0.5~200.0mW
Shape of Light Speckle	Ellipse shape			
Beam Full Divergence	<0.4mrad (@collimation light), other requirements can be customized			
Size of Light Speckle	<4mm@10m(@450nm) <6mm@100mm can be customized			
Beam Position	Angle (mrad)	<10.0mrad (general), (other requirements can be customized)		
Tolerance	Position (mm)	<0.2mm (general), (other requirements can be customized)		
Product Size	φ12×30mm, φ12×40mm			
Impact Resistance	1000g/ms, 3000g/ms			

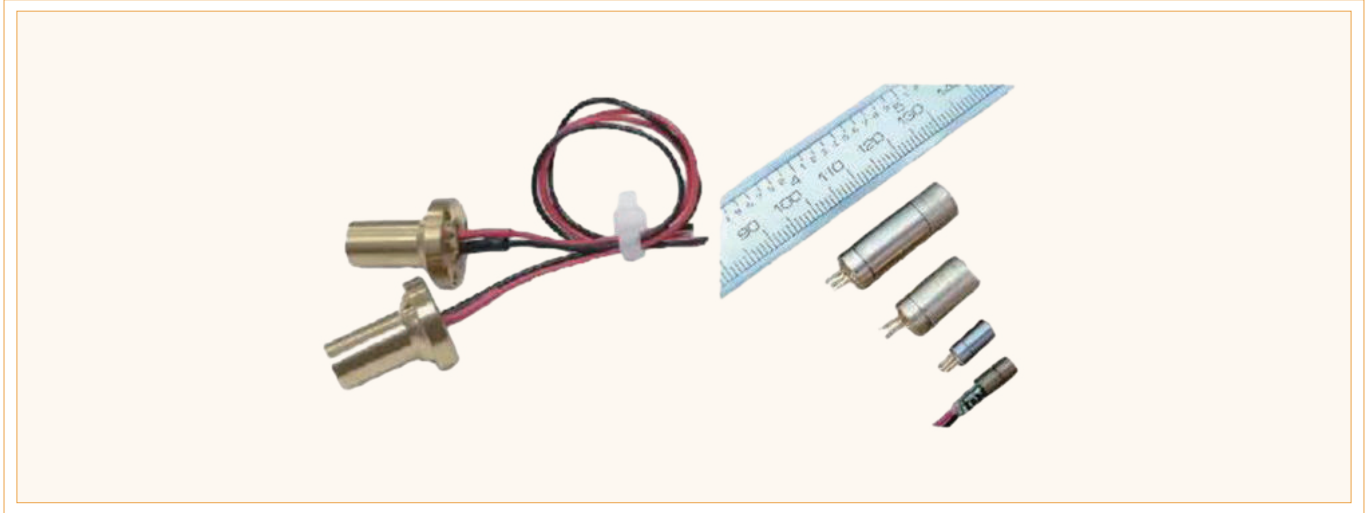
FEATURES

- High collimation
- Impact resistance
- Good stability
- Low power consumption

APPLICATIONS

- Aiming and fixing
- Laser ranging
- Instrumental teaching
- Ray detection

Point laser module · Tiny point



PERFORMANCE

Product Parameters	405-450nm	505-520nm	635-650nm	780-980nm				
Wavelength Error	±10nm	±5nm	±5nm	±10nm				
Output Power	0.5~60.0mW	0.5~30.0mW	0.5~150.0mW	0.5~200.0mW				
Shape of Light Speckle	Ellipse shape							
Beam Full Divergence	<1.0mrad (@collimation light), other requirements can be customized							
Size of Light Speckle	<50μm×100μm@300mm (@450nm) <20μm×40μm@300mm@450nm can be customized							
Beam Position Tolerance	<table border="0"> <tr> <td>Angle (mrad)</td> <td><10.0mrad (general), (other requirements can be customized)</td> </tr> <tr> <td>Position (mm)</td> <td><0.2mm (general), (other requirements can be customized)</td> </tr> </table>				Angle (mrad)	<10.0mrad (general), (other requirements can be customized)	Position (mm)	<0.2mm (general), (other requirements can be customized)
Angle (mrad)	<10.0mrad (general), (other requirements can be customized)							
Position (mm)	<0.2mm (general), (other requirements can be customized)							
Product Size	φ16×70mm, φ20×83mm							
Power Stability	<5%@25°C (general)							

FEATURES

- Micron point
- Adjustable focus
- Good stability
- Low power consumption

APPLICATIONS

- Scar detection
- Flatness detection
- Machine vision
- Instruction instruction

Point laser module · Double beam



PERFORMANCE

Product Parameters		Wavelength 1	Wavelength 2
Wavelength		650nm±10nm	976nm±10nm
Power		200mW	5500mW
Beam Divergence		<0.5mrad	<5.0mrad
Beam Position Tolerance	Angle (mrad)	6-16	5-15
	Position (mm)	7-8	0.1-0.5
Double Optical Parallelism (mard)		0.1-0.2	

Note: Wavelength 405nm, 488nm, 505nm, 520nm, 650nm, 1440nm optional, point power 0.5-1000mW optional

FEATURES

- Double beam
- High power
- Height-coaxial
- Stable and reliable

APPLICATIONS

- Military police detection
- Gun indication
- Drone search
- Laser radar