

405nm 300mw Multi-mode Laser Diode|0.3W High Power LD

405nm LD| 300mw Output Power|5.6 mm Package | Violet LD | Multimode Laser Diode

WSLD-405-300m-1

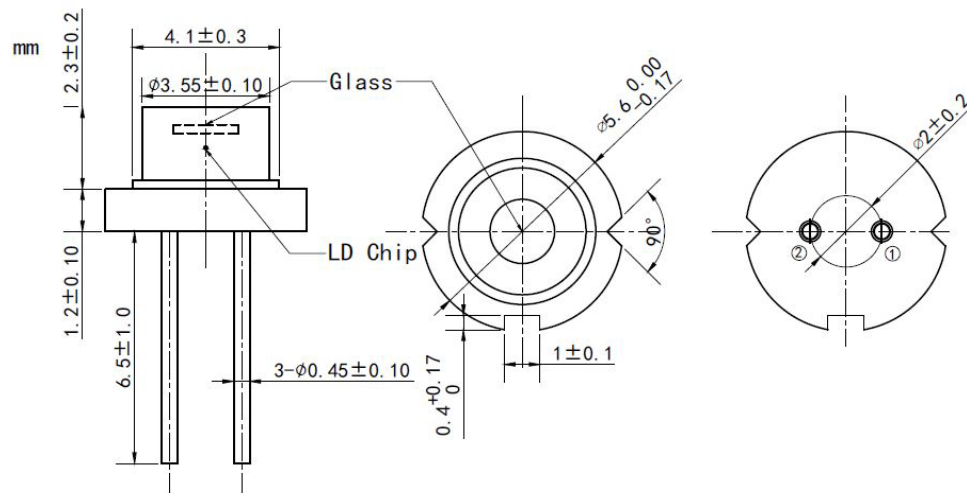
Wavespectrum Laser Group

www.wavespectrum-laser.com

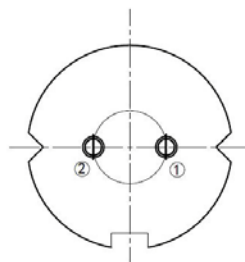
405nm Laser Diode		500mw	Wavespectrum Laser Group	
PARAMETER		SYMBOL	VALUE	UNIT
Reverse Voltage		V _r	2.0	V
Operating Temperature		T _{op}	0 ~ +40	°C
Storage Temperature		T _{stg}	-40 ~ +85	°C
Lead soldering temperature (10 sec.)		T _{is}	260	°C
Features: 405nm High Output Power 5.6mm Package Multimode Laser Diode				
Applications: Medical Laser Treatment Printing Others				
Specifications		WSLD-405-300m-1		
		Min	Type	Max
Center Wavelength@25℃		±3nm	405nm	±10nm
Spectral Width (FWHM)		2.0nm		
Output Power (CW)		----	300mW	----
Beam Divergence (FWHM)		----	40° _⊥ x 15° _∥	45° _⊥ x 21° _∥
Threshold Current (Typ.)		----	150mA	200mA
Operating Current (Typ.)		----	350mA	400mA
Operating Voltage		----	4.7V	5.3V
Slope Efficiency		----	1.7mW / mA	----
Recommended Operating Temperature		25 ℃		
Package Style		5.6mm		



TO18 (5.6mm) Package View



PIN Bottom View



1	LD(+)
2	LD(-)

