

635nm Multi Beam Dot Laser

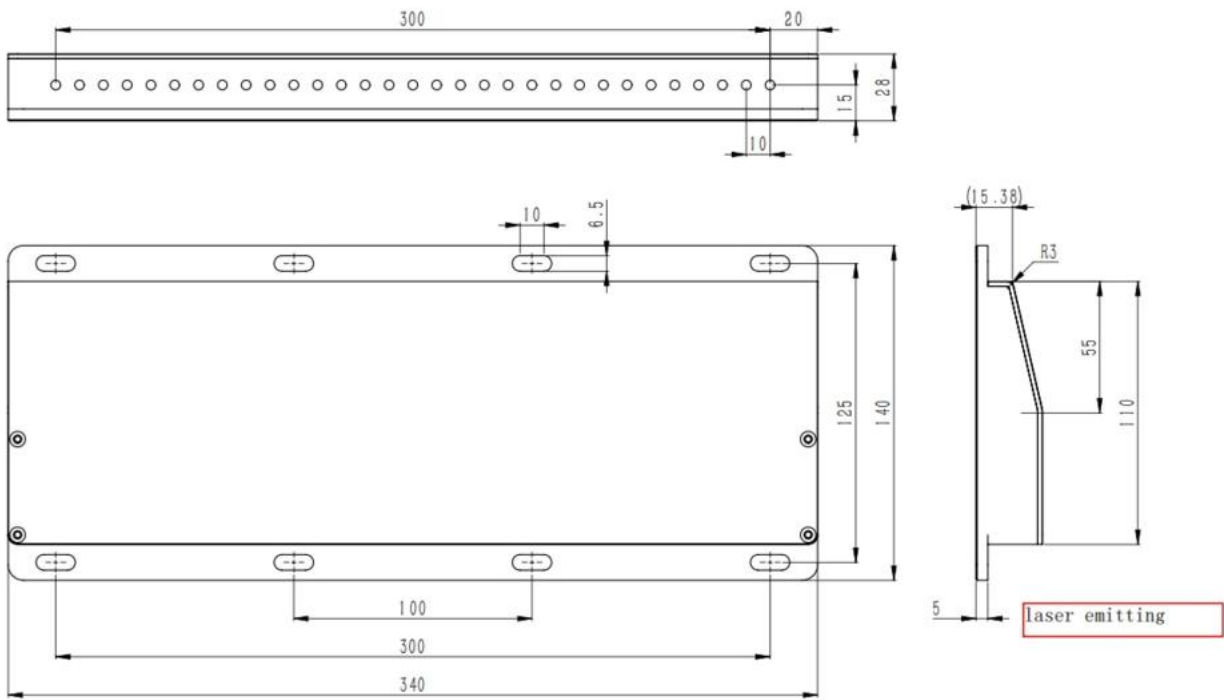


R635D005-340x140x28-(-10-50)-V2

Features

- 635nm 31-Dot Laser
- Superior coaxial precision
- High Beam Quality
- Each Module is replaceable

Dimensions (Unit: mm)



Specifications				
Model Number		R635D005-340x140x28-(-10-50)-V2		
Mechanical Specifications		Min	Typ	Max
Laser Dimensions	Length (mm)	339	340	341
	Width (mm)	139.5	140	140.5
	Height (mm)	27.5	28	28.5
Housing Material		Aluminum		
Optical Specifications		Min	Typ	Max
Wavelength (nm) @ 25°C		630	635	670
Output Power of Each Beam(mW) ⁽¹⁾ @25°C		4	-	5
Power Stability @25°C		-	± 5%	± 10%
Output Power Mode		CW		
Laser Class		Class 3R		
Beam Specifications		Min	Typ	Max
Beam Divergence (mrad) ⁽²⁾		-	1	2
Beam Diameter at 1m (mm)		-	-	2
Beam Alignment Variation(mm) at aperture				±0.5
Each Beam pointing accuracy (mrad)				±0.5
Height of Beam ⁽³⁾		25	-	28
Beam Polarization		Horizontal ± 2°		
Electrical Specifications		Min	Typ	Max
Power Type		ACC		
Operating Voltage (DC, V)		-	24	-
Operating Current (mA) @ 24V		-	1000	-
Wire Length (m)		5		
Reliability		Min	Typ	Max
Operating Case Temperature Range (°C)		-10	-	40
Rise Time (Seconds)		-	-	0.2
Storage Temperature (°C)		40	-	85
Environmental Humidity (RH, %)		5	-	85
Lifetime (hours) (MTTF at 25°C)		10,000	-	-

⁽¹⁾ measured at 100mm distance through $\phi 7$ mm hole.

⁽²⁾ Full Angle (1/e²)

⁽³⁾ See Drawings on page 1