



SPECIFICATION:				
PARAMETER	MIN	TYPICAL	MAX	UNIT
OPTICAL POWER AT NORMAL	2.3	2.8	3.3	mW
OPERATING CURRENT	-	-	45	mA
OPERATING VOLTAGE	2.6	3.0	3.2	V
WAVE LENGTH AT PEAK EMISSION	630	635	640	nM
OPERATING TEMP. RANGE	-10	+25	+40	°C
STORAGE TEMP. RANGE	-20	+25	+60	°C
MAXIMUM BEAM SPOT AT 1m (@25°C)	-	-	2.0	mm
LASER MODULE	DOT BEAM			
REGULATION REQUIREMENT	Class 3a			
OUTPUT POWER TYPE	CONSTNANT WAVE			

NOTICE:

- 1.Measurement standard of optical power: The module is measured one minute after light up and the aperture is at 100mm from the detector at 20° angle.
- 2.Normal Status is for environment temperature at 25°C, Vop-Typical.
- 3.APC (Auto Power Control) , Optical Power is the main SPEC for laser module, and lop is to make sure the variation basic on each condition.
- 4.MTTF: >5000 hours
- 5.Beam Spot Testing: Environment illumination at 200 ± 20 Lux @2m.

TOLERANCES:		Compliance with Laws	
DECIMAL	.XXX ±0.02 .XX ±0.05 .X ±0.1	<input checked="" type="checkbox"/> EU RoHS	<input type="checkbox"/> Halogen
FRACTION	±0.2	<input type="checkbox"/> PAHs	<input type="checkbox"/> Phthalate
ANGLE	±0.5°	<input type="checkbox"/> PFOS	<input type="checkbox"/> Other

					DRAWER		Stone	2017-08-07	File Name		RED LASER
					AUDITING				PART NAME		SPEC
					APPROVER				PART NO.		R635 -0920-005-083
					SIGNATURE				MATERIAL		-
					CHECK				FINISH		-
					REVISION LOCATE				SCALE: Fit		UNIT: mm
					REVISION NOTE						