



1894S6 Series

**Ø8mm Standard Module**

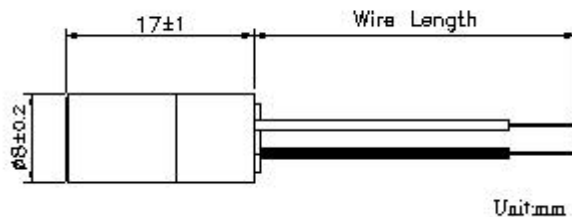


**1894S6 series** module is application to Industrial laser markers, Class IIIa or Class II eye-safe laser pointer, Construction laser leveler and high visible laser display. It has stable quality and good reliability in mass production. We provide several kinds of House and class range for option and also the best technical service.

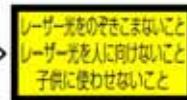
Specification

Optical Specification				
S/N		1894S6		
P/N		63505	63501	65005 65001
PO	CW Optical Power	< 5 mW	< 1 mW	< 5 mW < 1 mW
$\lambda$ P	Wavelength at Peak Emission	630 ~ 640 nm		650 ~ 660 nm
Vop	Operating Voltage	2.7 ~ 6.0 V		
Lop	Operating Current	< 50 mA		
TOP	Operating Temp. Range	-10 ~ +40°C		-10 ~ +50°C
TSTG	Storage Temp. Range	-20 ~ +60°C		
Housing		Brass		
Collimating lens		Aspheric Plastic		
Beam Spot Size at 15m/25° room temp.		<20 x 20mm		
Divergence Angle		<±5°		
MTTF		4,000 hrs		10,000 hrs

\* Option :  
Class II - less than 1 mW  
Class IIIa - less than 5 mW



- Certificated by TÜV EN 60950-1:2001+A11; EN 60825-1:1994+A1+A2
- Certificated by TÜV EN 50081-1:1992 ; EN50082-1:1997  
Conformity of EC directive 89/336/EEC
- FDA , Northern America
- JQA , Japan
- Process and Material control is according RoHS Directive.
  - Lead Pb< 750ppm
  - Mercury Hg< 750ppm
  - Cadmium Cd<75ppm
  - Hexavalent Chromium Cr+6< 750ppm
  - Polybrominated biphenyl PBB< 750ppm
  - Polybrominated dipheyl ether PBDE< 750ppm



FDA