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1894SA Series



Miniature Size Module

1894SA series is a 3.9mm dia. mini laser module 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.

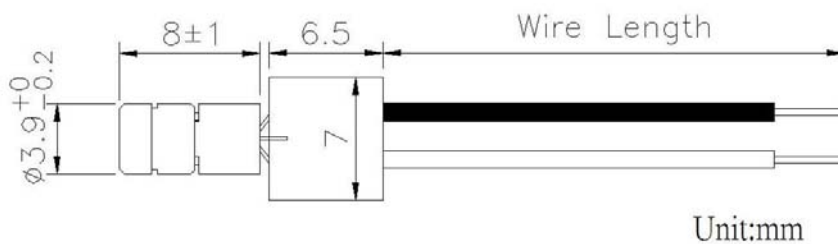
Specification

Optical Specification		1894SA	
S/N		1894SA	
P/N		65005	65001
PO	CW Optical Power	< 5 mW	< 1 mW
λ P	Wavelength at Peak Emission	650 ~ 660 nm	
Vop	Operating Voltage	2.7 ~ 6.0 V	
Lop	Operating Current	< 50 mA	
TOP	Operating Temp. Range	-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		< \pm 5°	
MTTF		10,000 hrs	

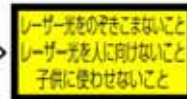
* Option :

Class II - less than 1 mW

Class IIIa - less than 5 mW



- 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