



**SEAN & STEPHEN
CORPORATION**

Taipei Office:

4F, NO.3, Lane 335, Sec.4, HSIN-YI Road, Taipei, 106 Taiwan, R.O.C. TEL:886-2-27011256 FAX:886-2-27021655

Tainan Factory:

no.66-1,Yuwun Rd.,East Dist.,Tainan City 701,Taiwan,R.o.c
TEL:886-6-3316296 FAX:886-6-3316295

China Factory:

Zhongshan Xinxi Optoelectronic Science Tech.Co., LTD
3rd Industry Zone, Tan Zhou Town, Zhong Shan City, Guang Dong Province, China
TEL:86-760-6659181 FAX:86-760-6659191

1894SAI – 650 & 635D

Super Miniature Size Red Laser Module



- Dia 3.3 mm ultra small laser module
- Widely working temperature range
- Application to aiming product / consumer electronics products / industrial measurement application etc...

Specification

Optical Specification

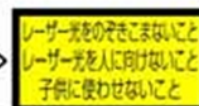
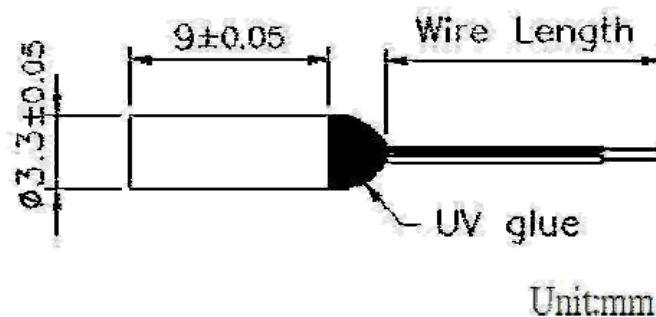
P/N		1894SAI-635D		1894SAI-650D	
PO	CW Optical Power	< 5 mW	< 1 mW	< 5 mW	< 1 mW
λP	Wavelength at Peak Emission	630 ~ 640 nm		640 ~ 660 nm	
Vop	Operating Voltage	3 V			
Lop	Operating Current	< 50 mA			
TOP	Operating Temp. Range	-10° C ~ +40° C		-10° C ~ +50° C	
TSTG	Storage Temp. Range	-20° C ~ +60° C			
Housing		Brass			
Collimating lens		Aspheric/GLASS Plastic			
Beam Spot Size at 15m/25° room temp.		<20 x 20mm			
Divergence Angle		<±3°			
MTTF		4,000 hrs		10,000 hrs	

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Option :

Class 2 - less than 1 mW

Class 3R - less than 5 mW



FDA