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1310nm LED TOSA

EI6C-901x-x series

TYPE NAME: EI6C-9013-EN, EI6C-9013-EN1

Product Description:

The LuxNet 1310nm LED TOSA assembly is designed for fiber optic data communication applications. This TOSA can be integrated with different types of ports that are engaged with a multi mode fiber connector to provide good coupling efficiency as light generated by the LED is transmitted into multi mode fiber.

Product Specifications:

Absolute Maximum Ratings (T = 25°C)

Parameter	Symbol	Unit	Min.	Max.	Note
Operating Temperature	T _{op}	°C	- 40	85	
Storage Temperature	T _{stg}	°C	- 40	85	
Solder Reflow Temperature				260	10 seconds max.
Reverse Voltage	V _r	V		2	
Forward Current	I _F	mA		150	

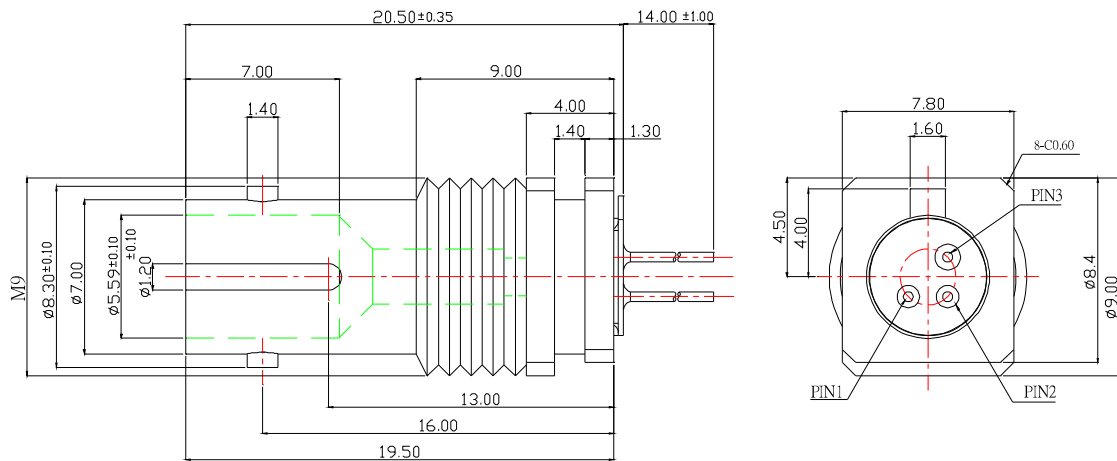
Electro-Optical Characteristics (T = 25°C, CW, I_f=60mA):

Parameter	Symbol	Unit	Min.	Typ	Max.	Test Condition
Optical output power	P _o	uW	35			62.5/125um MM fiber
Wavelength	λ	nm	1260	1310	1380	
Spectral Width (RMS)	Δλ	nm			170	
Forward Voltage	V _F	V		1.2	1.7	
Bandwidth	BW	MHz	115			
Rise Time/ Fall Time	T _r / T _f	ns			3	10%-90%
Output Power over Temperature	ΔP _o /ΔT	dB			±3	-40°C to +85°C

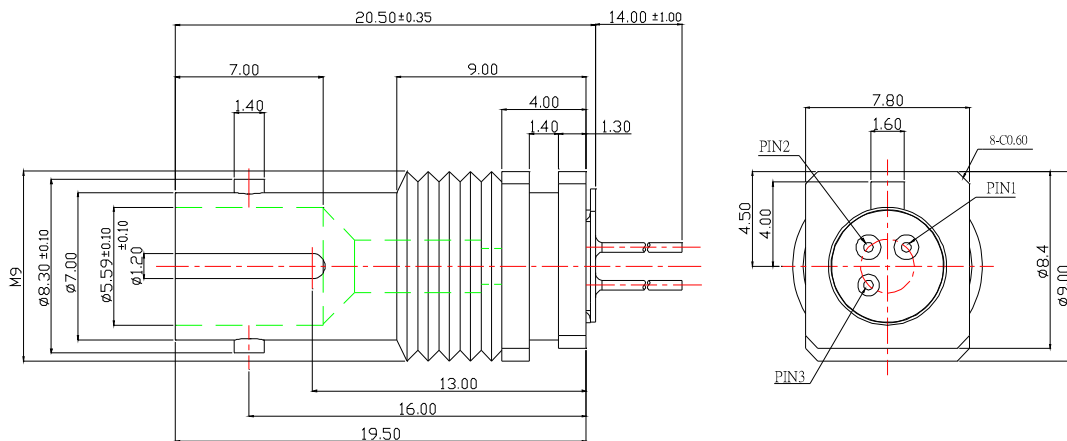
- * Specifications are subject to change without notice.
- * Screening per customer-specified reject limits is available.

EI6C-9013-EN (ST-TOSA)

Dimensions: (mm)
All dimensions are nominal



EI6C-9013-EN1 (ST-TOSA)



PINOUT

EI6C-9013-EN		EI6C-9013-EN1
Number	Function	Function
1	Case Gnd	Case Gnd
2	LED Cathode	LED Cathode
3	LED Anode	LED Anode

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* Screening per customer-specified reject limits is available.