TOSA-LC 1.25Gbps 850nm

Features:

- Light Wavelength: 850nm
- Bit Rate: 1.25Gbps
- Low Threshold Current
- LC Receptacle

Applications:

- Digital Optical Communication

Specifications:

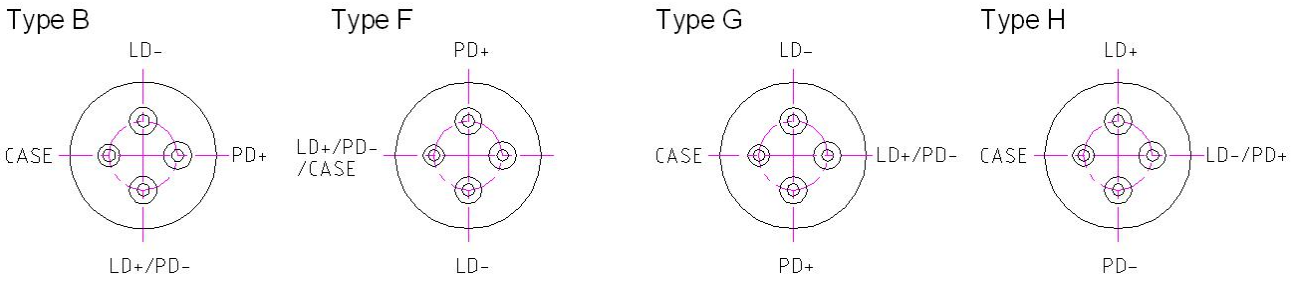
Absolute Maximum Ratings

Parameter	Symbol	Min	Max.	Unit
LD Reverse Voltage	$Vr_{(LD)}$	--	8	V
LD Forward Current	$If_{(LD)}$	--	12	mA
Operating Temperature	Top	-40	85	℃
Storage Temperature	Tstg	-40	100	℃
Lead Solder Temperature	--	--	260	℃
Lead Soldering Time	--	--	10	s

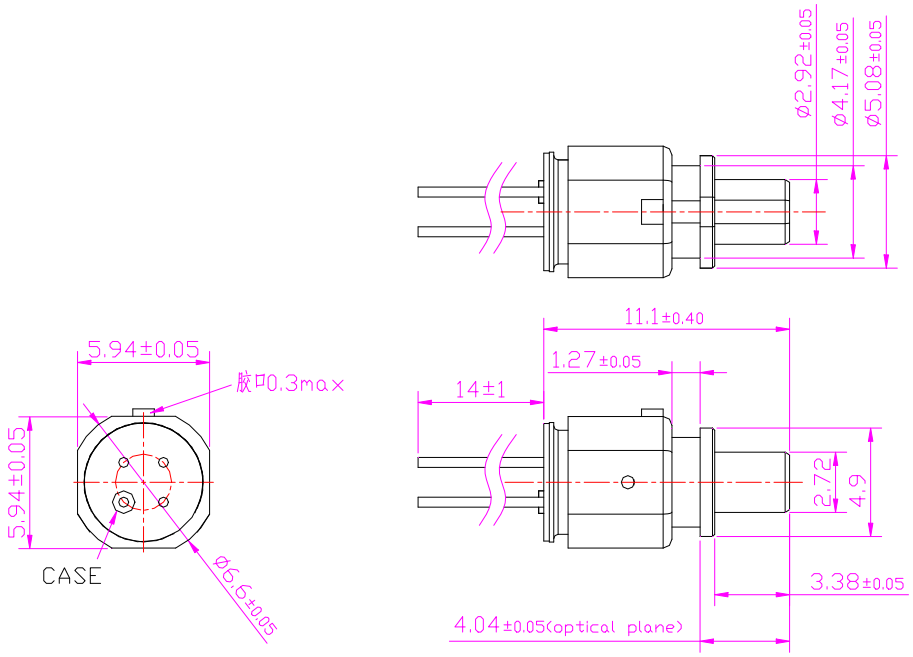
Characteristics(Tc=25℃, unless otherwise noted)

Parameter	Symbol	Test Condition	Min	Typ	Max	Unit
Threshold Current	Ith	--	--	1.0	2.5	mA
Forward Voltage	Vf	Iop = 6mA	--	1.9	2.15	V
Monitor Current(MPD)	Im	Iop = 6mA	100	--	--	uA
Dark Current(MPD)	Id	Vr=3.3V	--	--	10	nA
Optical Output Power	Po	Iop = 6mA	0.25	0.45	0.65	mW
Slope efficiency	SE	Iop = 6mA	0.05	--	0.13	mW/mA
Central Wavelength	λc	Iop = 6mA	830	850	860	nm
Spectral Width(RMS)	Δλ	Iop = 6mA	--	0.3	0.85	nm
Rise/Fall Time(20~80%)	Tr/Tf	--	--	--	250	ps

Pin Assignment:



Mechanical Dimension:



Order Information:

SAN-U P/N：TOSA—LC—1.25Gbps—850nm— □

Pin Assignment
B: Type B
F: Type F
G: Type G
H: Type H

Statement：

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