



# BOSA 10Gbps

## Features:

- High-stability 1xx0nm DFB laser
- InGaAs PIN Photodiode
- Single +3.3V power Supply

## Applications:

- Optical communication systems

## Specifications:

### Absolute Maximum Ratings

### Transmitter Optical & Electrical Characteristics (T=25°C)

Parameter	Symbol	Test Condition	Min	Typ	Max	Unit
Threshold Current	Ith	25	--	--	12	mA
		85	--	--	40	mA
[Redacted]	[Redacted]	Iop=Ith+20mA	--	--	1.7	V
		Iop=Ith+20mA	50	--	1000	uA
[Redacted]	[Redacted]	Vr=5V	--	--	100	nA
		Iop=Ith+20mA,25	0.8	--	1.6	mW
Slope efficiency	SE	Iop=Ith+20mA,85	0.5	--	--	mW
		Iop=Ith+20mA,25	0.04	--	0.08	mW/mA
Central Wavelength	[Redacted]	Iop=Ith+20mA,85	0.025	--	--	mW/mA
		Iop=Ith+20mA				

**XIAMEN SAN-U OPTRONICS CO., LTD.**

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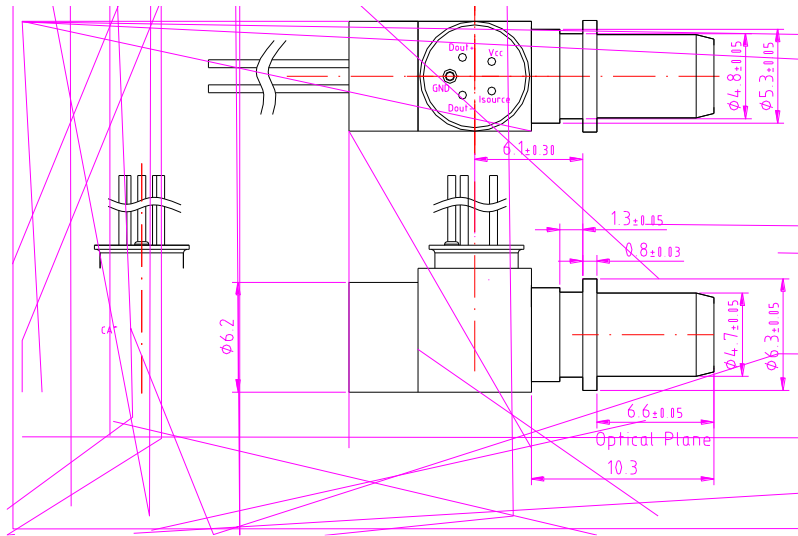
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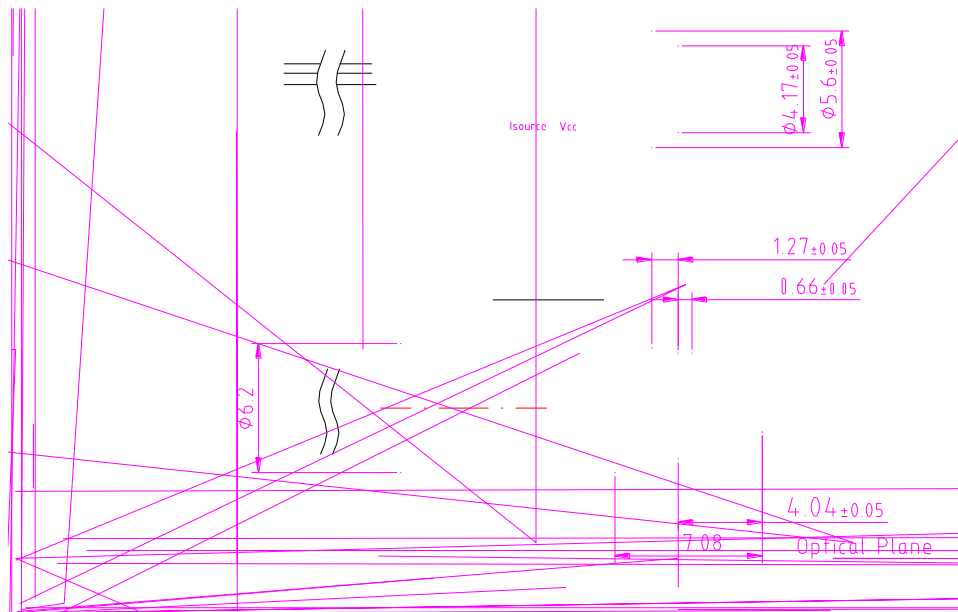
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TYPE - C



TYPE - D



Order Information:

BOSA  10Gbps

Receptacle
LC
SC

TX Central Wavelength
1270 DFB
1330 DFB

RX Central Wavelength
1270nm
1330nm

Outline Dimension
A:TYPE A
B:TYPE B
C:TYPE C
D:TYPE D



**Statement:**

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