



ROSA-LC 25Gbps 1310nm with Flex

Features:

- Data rates up to 25 Gbps.
- Single +3.3V Power Supply.
- -40°C to 85°C Operation.
- Differential Output.
- Received signal strength indicator(RSSI).
- LC Receptacle, with flexible circuit attached.
- InGaAs PIN Detector and TIA inside.
- With 1KΩ resistance

Applications:

- High speed Telecom and Datacom.

Specifications:

Absolute Maximum Ratings

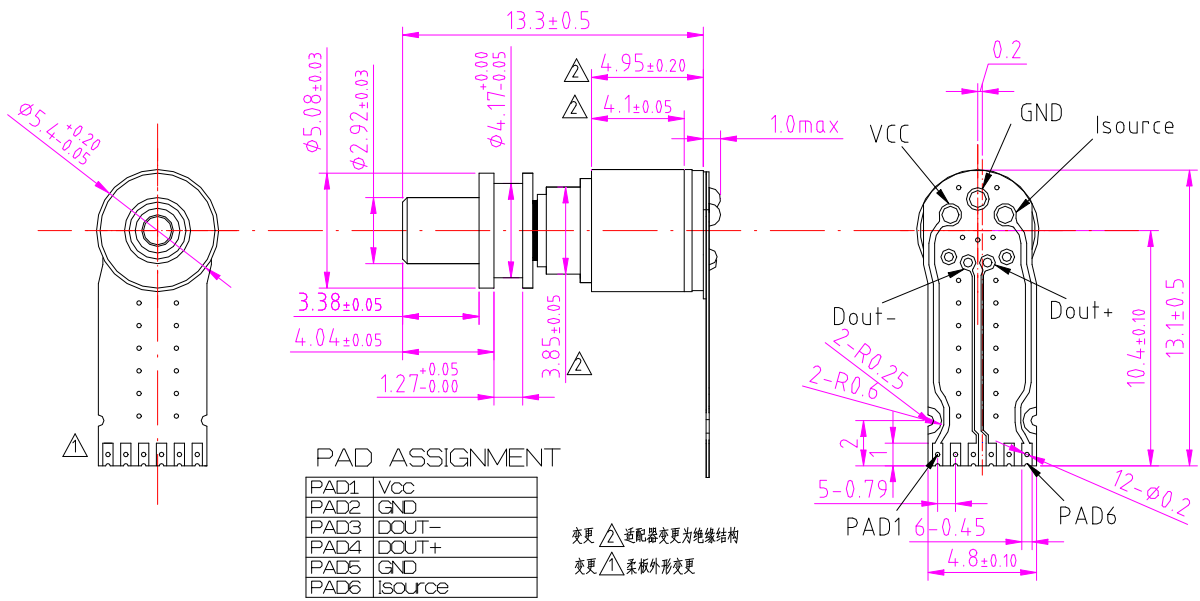
Parameter	Symbol	Min	Max.	Unit
Input optical power	Pin	--	5	dBm
Operating Temperature	Top	-40	85	°C
Storage Temperature	Tstg	-40	85	°C
Lead Solder Temperature	--	--	260	°C
Lead Soldering Time	--	--	10	s

Specifications (T=25°C, unless otherwise noted)

Parameter	Symbol	Test Conditions	Min.	Typ.	Max.	Unit
Supply Voltage	Vcc	--	2.97	3.3	3.63	V
Supply Current	Icc	Vcc=3.3V	--	26	33	mA
Operating Wavelength	λc	Vcc=3.3V	1260	--	1600	nm
RSSI Offset Current	Id	Vcc=3.3V	--	--	100	nA
Bandwidth	BW	-3dB	--	21	--	GHz
Overload	OL	Vcc=3.3V	2.2	--	--	dBm
Sensitivity	Sen	25.78Gbps, PRBS31, 1310nm, ER=4dB, BER=10E-5	--	--	-14	dBm
Responsivity	Res	1310nm	0.7	--	--	A/W
Optical Return Loss	ORL	1310nm	--	--	-27	dB



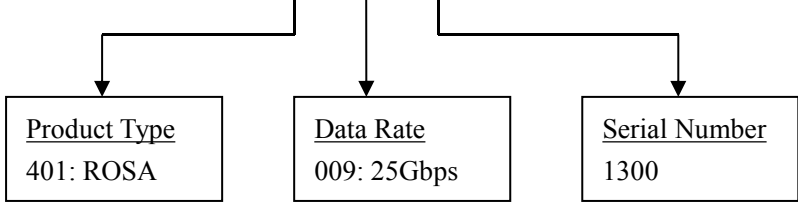
Mechanical Dimension and Pin Assignment:



Order Information:

SAN-U P/N:

401 009 1300





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