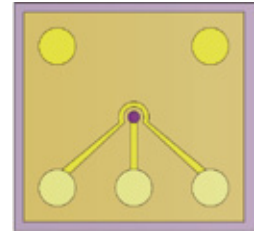


EB-4ch PIN-1310-200-01 (Single Mode)



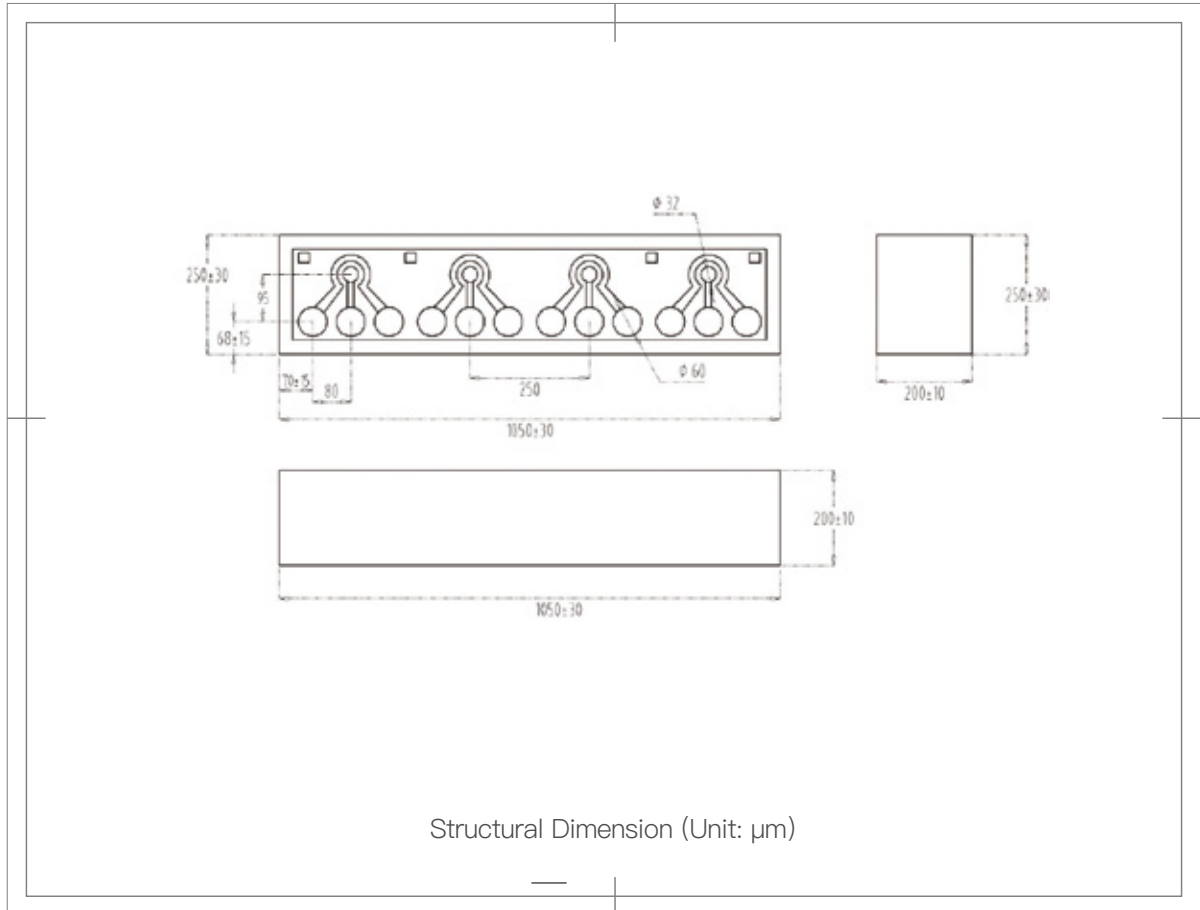
Product Code	Description	Type	Operating Temperature
EB-4ch PIN-1310-200-01	1260~1600nm 1x4 200G PIN PD	Chip	0~85°C

Characteristics

	Unit	Min	Typical	Max	Notes
Responsivity	A/W		0.7		$\lambda_{op} = 1310\text{nm}$, $V_r = 2\text{V}$
Dark Current	nA			1	$V_r = 2\text{V}$, $T = 85^\circ\text{C}$
	nA			20	$V_r = 2\text{V}$, $T = 85^\circ\text{C}$
Breakdown Voltage	V	15			$I_r = 10\text{Ma}$
Capacitance	fF		45		$V_r = 2\text{V}$, $f = 1\text{MHz}$
Operating Wavelength	nm	1260	1310	1600	
3dB Bandwidth	GHz		56		$V_r = 2\text{V}$, $\lambda_{op} = 1310\text{nm}$

Remarks

1. Explanation of Item Number: EB (Everbright in short)-4ch PIN-1310(Wavelength)-200 (Data rate 100G)-01 (Version Number)
2. Test Condition: 25°C
3. P_{in} is input power.
4. Take general ESD precautions when operating the chip. The chip is delivered in an ESD package, after removing the chip from the package, use it in an environment where ESD is taken, including but not limited to a standard grounding workbench, foot pad, and wrist strap.
5. When used under extreme operating conditions, it will cause permanent damage to the chip.
6. Long-term use under near-limit operating conditions may adversely affect product performance and life.



Applications



Data Center Application

Features



Qualified for Non-hermetic Packages



Low Dark Current



High Bandwidth



High Responsivity



SUZHOU EVERBRIGHT PHOTONICS CO., LTD
 No.56, Lijiang Road, SND, Suzhou, China
www.everbrightphotonics.com Sales@everbrightphotonics.com +86-512-66896988

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