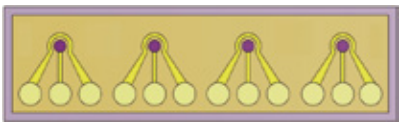
# EB-4ch PIN-1310-100-01
## (Single Mode)



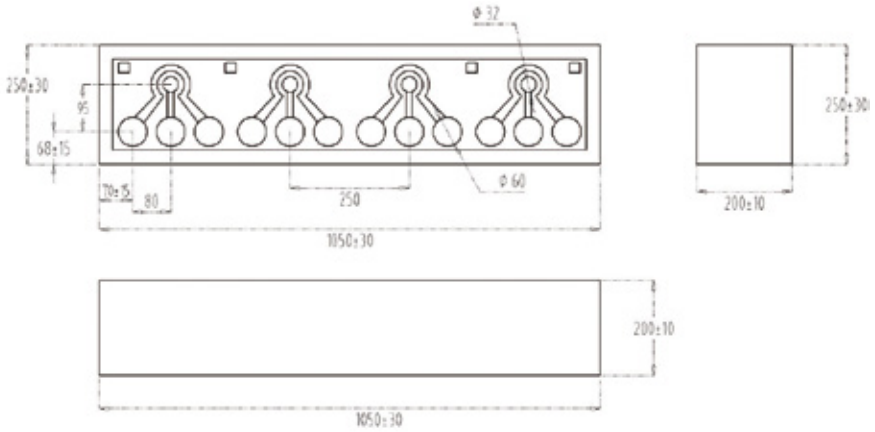
| Product Code | Description | Type | Operating Temperature |
|---|---|---|---|
| EB-4ch PIN-1310-100-01 | 1260~1600nm 1x4 100G PIN PD Chip | 1*4 Chip | 0~85°C |

## Characteristics

| | Unit | Min | Typical | Max | Notes |
|---|---|---|---|---|---|
| Responsivity | A/W | | 0.8 | | $\lambda_{op}$ = 1310nm, $V_r$ = 2V |
| Dark Current | nA | | | 0.5 | $V_r$ = 2V, T = 85°C |
| | nA | | | 20 | $V_r$ = 2V, T = 85°C |
| Breakdown Voltage | V | 15 | | | $I_r$ = 10 Ma |
| Capacitance | fF | | 125 | | $V_r$ = 2V, f = 1 MHz |
| Operating Wavelength | nm | 1260 | 1310 | 1600 | |
| Diameter of Aperture | μm | | 32 | | |
| 3dB Bandwidth | GHz | | 18 | | $V_r$ = 2V, $\lambda_{op}$ = 1310 nm |

## Remarks

1. Explanation of Item Number: EB (Everbright in short)-4ch PIN-1310(Wavelength)-100(Data rate 100G)-01 (Version Number)
2. Test Condition: 25℃
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 conndtions, it will cause permanent damage to the chip.
6. Long-term use under near-limit operating conditions may adversely affect product performance and life.




Structural Dimension (Unit: μm)

## Applications

- Data Center Application

## Features

- Qualified for Non-hermetic Packages
- Low Dark Current
- High Responsivity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