



Polarization Maintaining Integrated Tap Power Detector (PMTAPD)

REV 11B

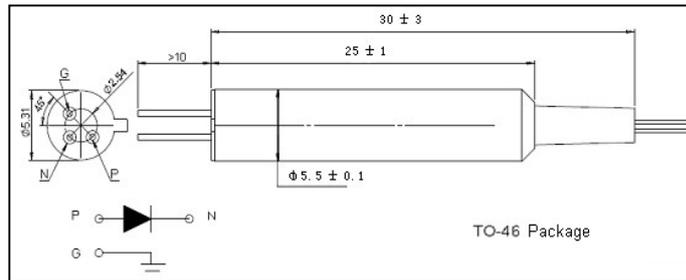
Specifications

| Parameter | Unit | Value |
|--|------|-----------------------|
| Center Wavelength (λ_c) | nm | 1064 |
| Max. Insertion Loss-5% | dB | 0.8 |
| Min. Extinction Ratio | dB | 18 |
| Min. Return Loss | dB | 45 |
| Min. Responsivity-5% | mA/W | 21 |
| Max. Responsivity Temperature Dependence (λ_c) | dB | 0.3 |
| Max. Responsivity Polarization Dependence | dB | 0.1 |
| Dark Current (70 °C, -5 V bias) | nA | 10 |
| Max. Power on photodetector | mW | 10 |
| Fiber Type | | Fujikura PM 980 Fiber |
| Operating Temperature | °C | 0 to +70 |
| Storage Temperature | °C | -40 to +85 |
| Soldering temperature(> 2 mm from head, < 5 s) | °C | ≤ 260 |

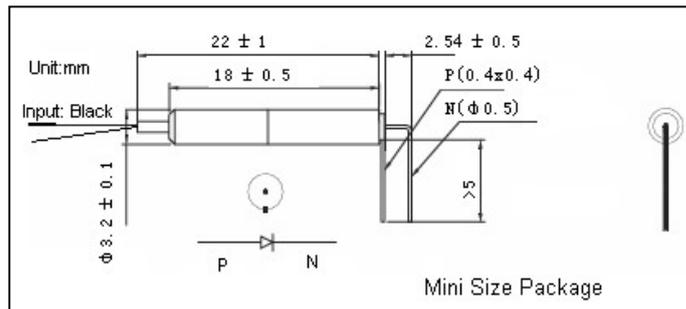
* IL is 0.5 dB higher, RL is 5 dB lower and ER is 2 dB lower for a pair of connector added. Connector key is aligned to slow axis.

Package Dimensions

TO-46 Package



Mini Size Package



Ordering Information

PMTAPD-①①-②②-③③-④④-⑤⑤-⑥⑥

| | | | | |
|--|--------------------------|--|--|---|
| ①①: Center Wavelength 06 - 1064 nm | ②②: Tap Ratio 05 - 5% | ③③: Connector type 1 - FC/UPC 2 - FC/APC 3 - SC/UPC 4 - SC/APC N - None | ④④: Fiber Jacket B - 250 μ m Panda fiber L - 900 μ m Loose Tube S - Specify | ⑤⑤: Fiber Length Q - 0.75 m S - Specify |
| ⑥⑥: Package Type 1 - TO-46 Package 2 - Mini Size Package | | | | |

