

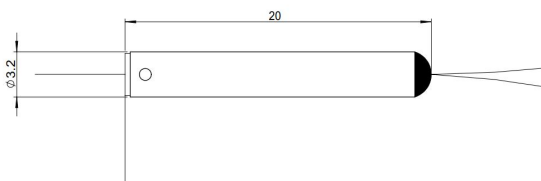
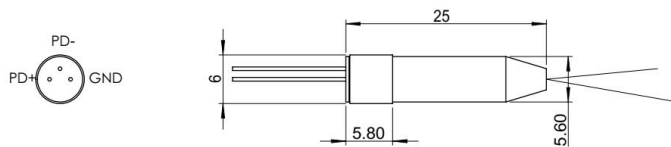
## Tap-PD Monitor

|              |           |  |
|--------------|-----------|--|
|              |           |  |
| Spec. Number |           |  |
| Date         | 2018-4-25 |  |
| Part Number  |           |  |

### Specifications

| Parameter                  | Value  |            |            |            |
|----------------------------|--|------------|------------|------------|
| Operating wavelength(nm)   | 1550   |            |            |            |
| Bandwidth(nm)              | 1530-1570  |            |            |            |
| Tap Ratio(%)               | 1%   | 2%         | 5%         | 10%        |
| Min Responsibility(mA/W)   | 8.5  | 18         | 42         | 70         |
| Insertion Loss(dB)         | $\leq 0.4$   | $\leq 0.5$ | $\leq 0.6$ | $\leq 0.9$ |
| PDL(dB)                    | $\leq 0.1$   |            |            |            |
| PMD(ps)                    | $\leq 0.1$   |            |            |            |
| Dark Current (nA)          | $\leq 1.0$ (@25°C, 5V bias)  |            |            |            |
| Bandwidth (Ghz)            | 3  |            |            |            |
| Return loss(dB)            | $\geq 40$  |            |            |            |
| Fiber Type                 | SMF-28e  |            |            |            |
| Operating temperature (°C) | 0 ~ +70  |            |            |            |
| Storage temperature(°C)    | -40 ~ +85  |            |            |            |
| Power Handling (mW)        | $\leq 300$   |            |            |            |
| Dimensions(mm)             | $\Phi 5.6 \times L25$ (Normal size)<br>$\Phi 3.2 \times L20$ (Mini Size) |            |            |            |

### Package Dimensions



## Tap-PD Monitor

### Ordering Information

| TPD | Wavelength | Coupling Ratio                                   | Package                          | Fiber type            | 0000     | Pigtail Type                                   | Length                                 | Connector   |
|-----|------------|--|----------------------------------|-----------------------|----------|--|--|---|
|     | 55=1550    | 1=1/99<br>2=2/98<br>5=5/95<br>A=10/90<br>S=Other | 1=φ5.6*<br>25<br>2=Φ3.2<br>× L20 | 1=G657A1<br>S=Specify | 000<br>0 | 1=250um<br>bare fiber<br>2=900um<br>loose tube | H= 0.5m<br>8= 0.8m<br>1= 1m<br>S=Other | 0=None<br>1=FC/UPC<br>2=FC/APC<br>3=SC/APC<br>4=SC/UPC<br>6=LC/PC<br>7=LC/APC |