

## 780nm Tap PD Monitor (TPM)

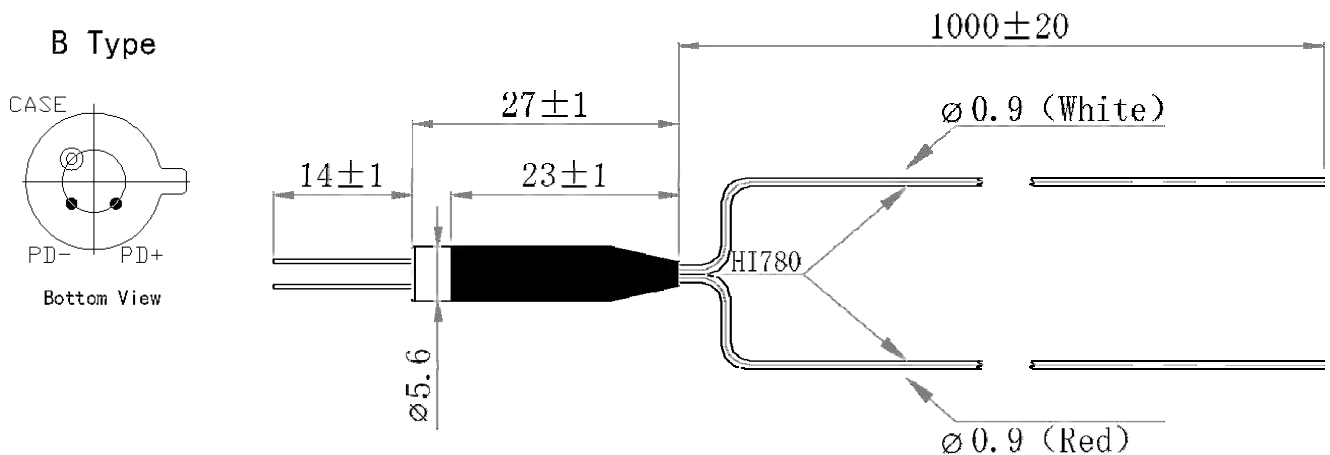
### Absolute Maximum Ratings (Tc=25°C)

Parameters	Unit	Values	Symbol	Test Conditions
Saturation Power	dBm	≤3	P <sub>s</sub>	
Forward Current	mA	≤10	I <sub>f</sub>	
Reverse Voltage	V	≤15	V <sub>r</sub>	
Operating Case Temperature	°C	-40 ~ +85	T <sub>op</sub>	
Storage Temperature	°C	-40 ~ +85	T <sub>stg</sub>	
Lead Soldering(Temperature/Time)	°C/Sec	260/10		

### Optical & Electrical Characteristics (Tc=25°C)

Parameters	Unit	Values	Symbol	Test Conditions
Operating Wavelength	nm	780±10	λ	
PD Responsivity (TAP1:99%)	A/W	Typ. 0.004	R	V <sub>R</sub> =5V,P <sub>o</sub> =1000μW
Dark Current	nA	≤10	I <sub>d</sub>	V <sub>R</sub> =5V
Capacitance	pF	Typ. 3	C	V <sub>R</sub> =5V f=1MHz case open
Reflection Insertion Loss	dB	≤1	IL	λ=780nm

### Outline Diagram and Pin Assignments



### Ordering Information

TPM- ①①①-②②-③③③-④-⑤-⑥⑥

①	Wavelength	780;
②	Ratio	1%=1% Tap;
③	Pigtail Type	250=250μm Bare Fiber; 900=900μm Loose Tube;
④	Fiber Type	7=HI780;
⑤	Fiber Length	1=1m;
⑥	Connector	NE=None; FA=FC/APC; FC=FC/UPC; SA=SC/APC; SC=SC/UPC; LC=LC/UPC; XX=Others;