PD80-TO46-FW Series

Features：

- Low Voltage Operation
- Low Capacitance and High Speed with a PIN Structure
- Low Dark Current
- Excellent Stability

Applications：

- Digital and Analog Optical Communication
- Optical LAN
- OTDR

Specifications：

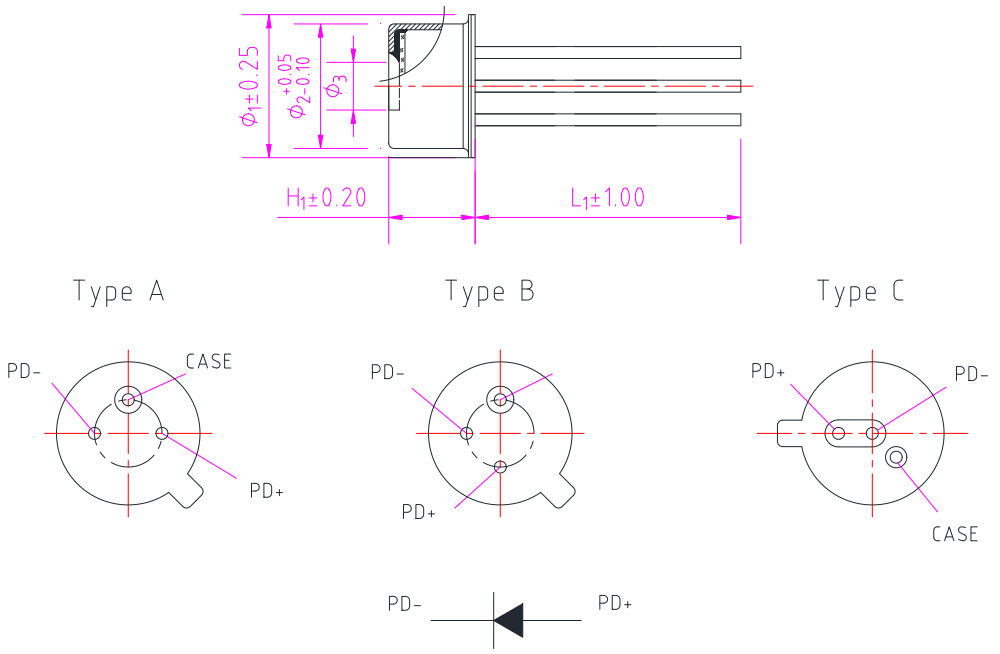
A M :

		M .	M .	
Reverse Voltage	V_R	—	20	V
Forward Current	I_F	—	10	mA
Max. Optical Input Power	P_{MAX}	—	10	mW
Operating Temperature	Top	-40	+85	℃
Storage Temperature	Tstg	-40	+85	℃
Lead Solder Temperature	—	—	260	℃
Lead Solder Time	—	—	10	s

C : (=25℃)

			C	M .	.	M .	
Active Diameter		D	—	—	80	—	μm
Bandwidth		BW	Pi=-10dBm,Small signal modulation,V_R=5V	—	2.0	—	GHz
Responsivity	@1310nm	R	V_R=5V	0.80	0.9	—	A/W
	@1550nm	R	V_R=5V	0.90	0.95	—	A/W
Dark Current		ID	V_R=5V	—	0.03	0.16	nA
Chip Capacitance		C_{chip}	V_R=5V, f =1MHz	—	0.65	0.8	pF
Optical Spectrum Response Range		λ	—	1100	—	1650	nm
Operating Voltage		V	—	—	-5	—	V

Mechanical Dimension and Pin Assignment:



Standard Product List:

Product name	Φ_1(mm)	Φ_2(mm)	Φ_3(mm)	H_1(mm)	L_1(mm)	Received light form
PD80-TO46-FW-A	5.4	4.7	1.8min	3.25	14	Parallel light & Divergent light
PD80-TO46-FW-B	5.4	4.7	1.8min	3.25	14	
PD80-TO46-FW-C	5.4	4.7	1.8min	3.25	14	

■ Standard and custom designs to suit your systems.

Order Information:

D80 □ □ □ □

Header Type：	Cap Type：	Numbers of Pin：	Pin Assignment：
TO46	FW： Flat Window	3pin 4pin	A： Type A B： Type B C： Type C

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