

件 : SU-01-19-A-07-A20H: 01: 2018.9.18

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D60- O46-BL

F :

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

A :

- Digital and Analog Optical Communication
- Optical LAN
- OTDR

:

Absolute Maximum Ratings:

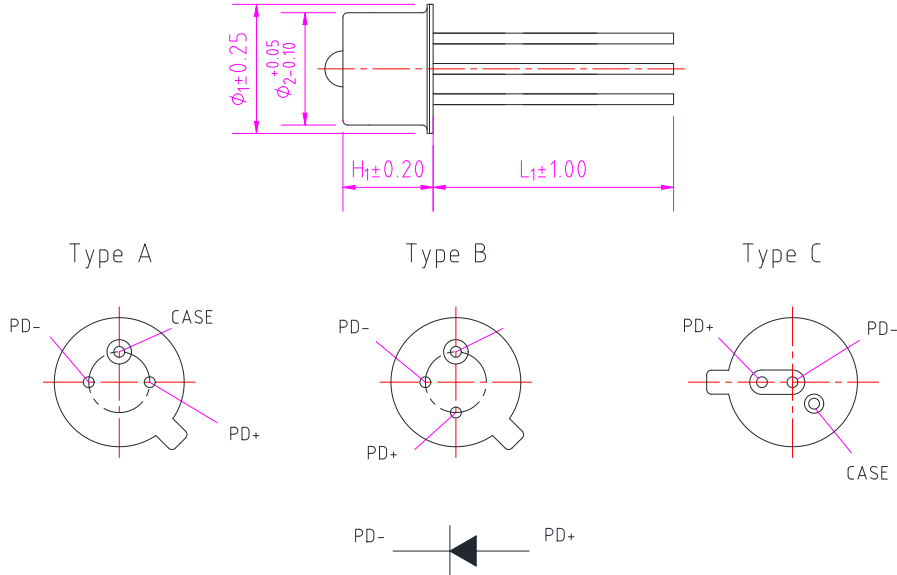
Parameter	Symbol	Min.	Max.	Unit
Reverse Voltage	V_R	—	20	V
Forward Current	I_F	—	5	mA
Max. Optical Input Power	P_{MAX}	—	5	mW
Operating Temperature	Top	-40	+85	°C
Storage Temperature	Tstg	-40	+85	°C
Lead Solder Temperature	—	—	260	°C
Lead Solder Time	—	—	10	s

Characteristics: ($T_a=25^\circ\text{C}$ unless otherwise noted)

Parameter	Symbol	Test Conditions	Min.	Typ.	Max.	Unit	
Active Diameter	D	—	—	60	—	μm	
Bandwidth	BW	$V_R=5\text{V}$	3	—	—	GHz	
Responsivity	@1310nm	R	$V_R=5\text{V}$	0.85	0.9	—	A/W
	@1550nm	R	$V_R=5\text{V}$	0.9	0.95	—	A/W
Dark Current	ID	$V_R=5\text{V}$	—	0.2	1.0	nA	
Chip Capacitance	C_{chip}	$V_R=5\text{V}, f=1\text{MHz}$	—	0.45	0.5	pF	
Optical Spectrum Response Range	λ	—	1100	—	1620	nm	
Operating Voltage	V	—	—	-5	—	V	



M D A :

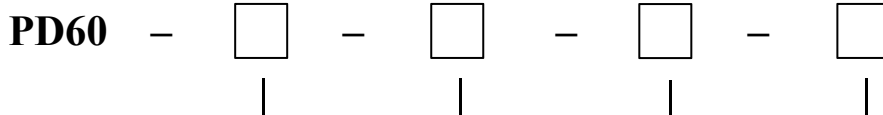


L :

Product name	Φ ₁ (mm)	Φ ₂ (mm)	H ₁ (mm)	L ₁ (mm)	Received light form
PD60-TO46-BL(High)-A	5.4	4.7	3.75	14	Divergent light&Parallel light
PD60-TO46-BL(High)-B	5.4	4.7	3.75	14	
PD60-TO46-BL(High)-C	5.4	4.7	3.75	14	
PD60-TO46-BL(Short)-A	5.4	4.7	3.35	14	
PD60-TO46-BL(Short)-B	5.4	4.7	3.35	14	
PD60-TO46-BL(Short)-C	5.4	4.7	3.35	14	

■ Standard and custom designs to suit your systems.

O I :



<u>Header Type:</u> TO46	<u>Cap Type:</u> BL(High): High Ball Lens BL(Short): Short Ball Lens	<u>Numbers of Pin:</u> 3pin 4pin	<u>Pin Assignment:</u> A: Type A B: Type B C: Type C
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Statement:

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Contact Information:

Address: N501-505 Weiye Bldg., Xiamen Pioneering Park For Overseas Chinese Scholars, Xiamen, Fujian, China

Tel: +86-592-3898601, 3898608, 5318000

Fax: +86-592-5703588

Email: sales@san-u.com

<http://www.san-u.com>