PD80-TO25-BL-2pin 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

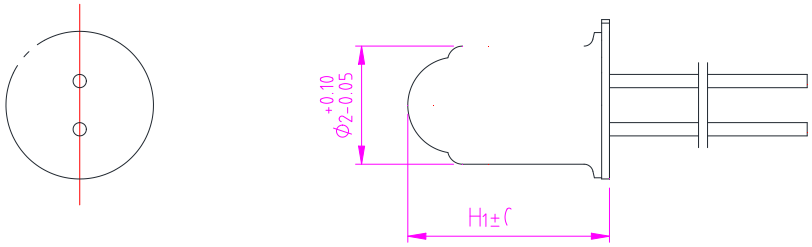
A M :

		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	0.8	0.9		A/W
	@1550nm	R	V_R=5V	0.9	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)	H_1(mm)	L_1(mm)	L_2(mm)	Received light form
PD80-TO25-BL(High)-2pin-A	2.5	1.96	3.35	12.7	12.7	Divergent light
PD80-TO25-BL(High)-2pin-B	2.5	1.96	3.35	14.0	14.0	
PD80-TO25-BL(High)-2pin-C	2.5	1.96	3.35	15.52	17.52	
PD80-TO25-BL(Short)-2pin-A	2.5	1.96	2.92	12.7	12.7	Parallel light
PD80-TO25-BL(Short)-2pin-B	2.5	1.96	2.92	14.0	14.0	
PD80-TO25-BL(Short)-2pin-C	2.5	1.96	2.92	15.52	17.52	

- Standard and custom designs to suit your systems.

Order Information:

D80 □ □ □ □

Header Type	Cap Type	Numbers of Pin	Pin Assignment
TO25	BL(High) High Ball Lens BL(Short) Short Ball Lens	2pin	A Type A B Type B C Type C

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