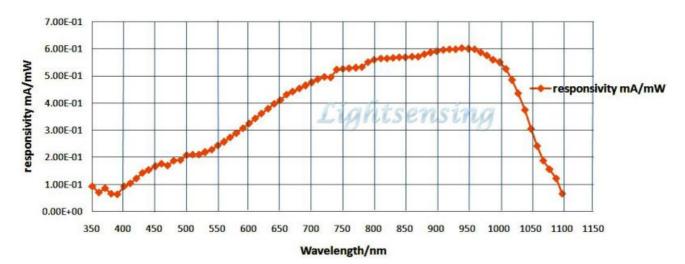


Electrical and optical characteristics:(T=25°C)

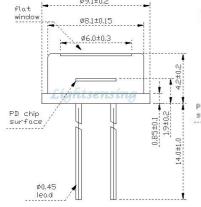
parameter	symbol	unit	Value (typ.)
Active diameter	Φ	mm	2.5x2.5
Spectral range	λ	nm	400-1100
Responsivity	Re(V _R =5V,λ=405nm) mA/mW		0.07
	Re(VR=5V,λ=650nm)) mA/mW 0.44	
	Re(V _R =5V,λ=850nm) mA/mW 0.59		0.59
	Re(VR=5V,λ=1064nm)	mA/mW	0.25
Response time	Tr (R _L =50Ω,V _R =5V)	ns	5
Dark current	ld(VR=0V)	PA	0.5
	ld(VR=5V)	PA	200
Reverse Breakdown voltage	VBR (IR=10uA)	V	70
Junction capacitance	Cj (f=1MHz, VR=0V)	pF	90
	Cj (f=1MHz, VR=5V)	pF	20
Saturated Optical Power	aturated Optical Power Ps(VR =5V)		20
Operating voltage	perating voltage V _R		0-15V
Shunt resistance Rsh (VR=10mV)		GΩ	20
package	Hermetic TO5 Can or with receptacle		

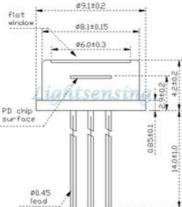
NOTICE: The above product specifications are subject to change without notice.

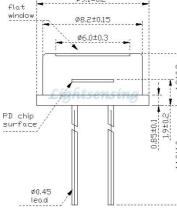
The typical Responsivity curve



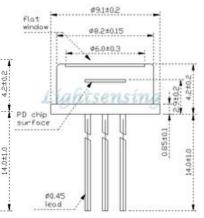
TO package and Lead







Ø9.1±0.2

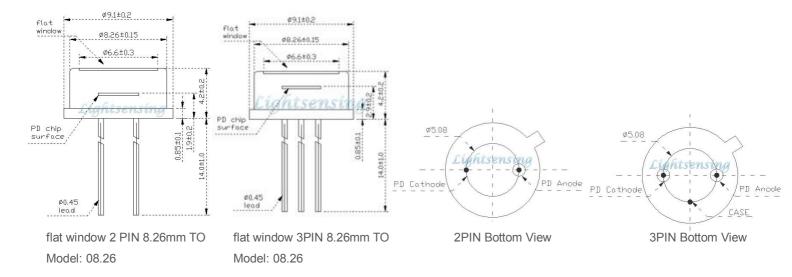


flat window 2 PIN 8.1mm TO Model: 08.1

flat window 3PIN 8.1mm TO Model: 08.1

flat window 2 PIN 8.20mm TO Model: 08.20

flat window 3PIN 8.20mm TO Model: 08.20



Note: In order to get other dimensions, please contact us.

Order information

LSSPE	D-2.5- <u>X</u> -X		
X=2P	2 PIN out	X=08.1	TO-5 Can with flat window Φ 8.1mm nickel cap
X=3P	3 PIN out	X=08.20	TO-5 Can with flat window Φ 8.20mm nickel cap
		X=08.26	TO-5 Can with flat window Φ 8.26mm nickel cap
		X=CWFC	TO-5 Can with replaceable receptacle with FC connector
		X=CWSC	TO-5 Can with replaceable receptacle with SC connector
		X=CWLC	TO-5 Can with replaceable receptacle with LC connector
		X=CWST	TO-5 Can with replaceable receptacle with ST connector
		X=20CWFC	TO-5 Can with 20mm replaceable receptacle with FC connector
		X=20CWSC	TO-5 Can with 20mm replaceable receptacle with SC connector
		X=20CWST	TO-5 Can with 20mm replaceable receptacle with ST connector
		X=20CWLC	TO-5 Can with 20mm replaceable receptacle with LC connector
		X=Other	By customer's request. Example, We can provide photodiode with filter

The cautions

1: The above product specifications are subject to change without notice.

2: The suitable ESD protection is required in storage, transportation and using