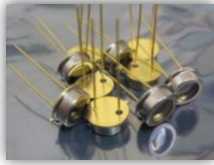
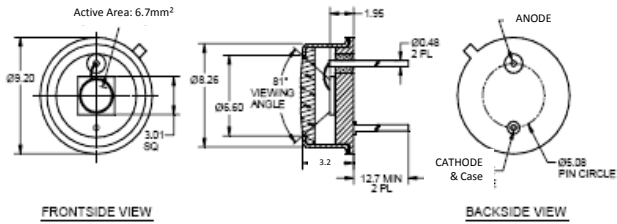




**OPTICAL SENSOR
DDN3120**



PACKAGE DIMENSION (mm)
TO-5 Hermetic Package with UV transmitting glass window



FEATURES

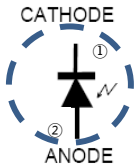
- TO5 Metal Can package
- Optical Active Area = 6.7mm²
- UV detectable

APPLICATIONS

- UV Meter
- Medical Instrumentation
- Pollution Monitor
- Fluorescent Analysis

ABSOLUTE MAX. RATINGS (Ta=25°C unless otherwise noted)

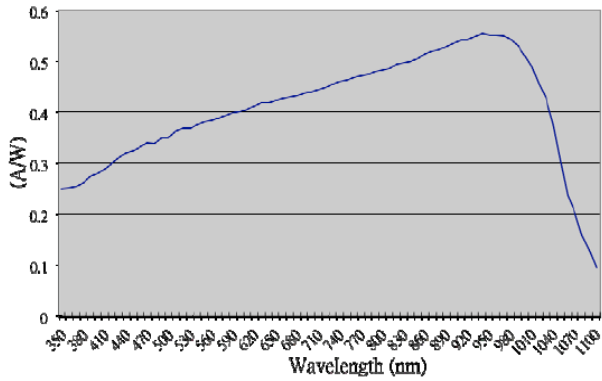
SYMBOL	PARAMETER	MAX. RATED VALUE	UNITS
IFP	Peak Forward Current	10	mA
VR	Reverse Voltage	50	V
T stg	Storage Temp	-55 ~ +125	°C
T opr	Operating Temp	-40 ~ +100	°C
T sd	Soldering Temperature*1	240	°C



CHARACTERISTICS (Ta=25°C unless otherwise noted)

SYMBOL	CHARACTERISCTIC	TEST CONDITION	MIN	TYP	MAX	UNITS
V BR	Reverse Breakdown Voltage	IR=100uA	35			V
I D	Reverse Dark Current	V R=10V		2	10	nA
I L	Light Current	5mW/cm ² @380nm	VR=5V	0.25		A/W
S	Spectral Response Range		200		1050	nm
CJ	Junction Capacitance	VR=3V, f=1MHz		25	40	pF
λ PEAK	Peak Wavelength			980		nm

SPECTRAL RESPONSIVITY



Packing Information



25, 50, 100pcs in a
Anti Static vinyl bag

Label sticker