

Reflective UV Sensor

GenUV-L365P-MM

- Features**
- Light Emission Wavelength - 365nm
 - Emitting part- Visible range absorbing filter
 - Receiving part - UV absorbing filter
 - Responding to fluorescence ink

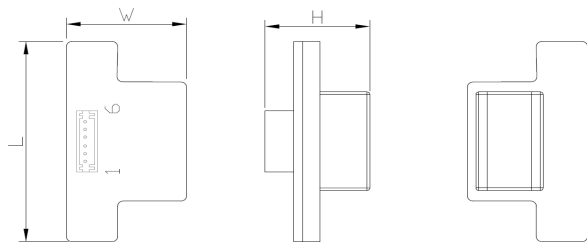


- Applications**
- Money detecting
 - Counterfeits bill detecting

Outline Diagrams

Connection Info.

1: Vout	4: LED (+)
2: GND	5: LED (-)
3: Vcc	6: NC



1. Absolute Maximum Ratings

Parameter	Symbol	Min.	Typ.	Max.	Unit	Remark
Storage Temperature	T _{st}	-40		90	°C	
Operating Temperature	T _{op}	-30		85	°C	
Supply Voltage	V _{cc}			5.5	VDC	
Soldering Temperature	T _{sol}			260	°C	Within 10 sec

2. Electro-Optical Characteristics (at 25 °C)

Parameter	Symbol	Min.	Typ.	Max.	Unit	Remark
Supply Voltage	V _{cc}	1.8		5.5	V	DC
Supply Current	I _Q		10	20	mA	
Emission Wavelength	λ		365		nm	I _F =10mA
Detection Range	P	400		1000	nm	< 5% transmittance
Output Voltage	V _o			10	mV	No object, in dark
			2.7		V	90% reflector paper
Detecting distance	d		2		mm	Max. Vout

3. Characteristic spectrums

