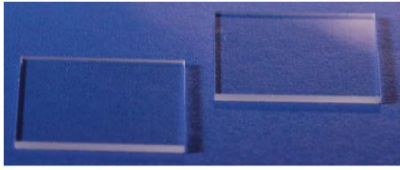


Optical Low pass Filters (OLPF)

Standard

Pb-free: RoHS compliance



1/2 inch , 1/3 inch , 1/4inch , 1/5 inch size

▪ **Typical applications**

- DSC(Digital camera), Camera for Cellular phone, Surveillance camera, DVC(Video camera).

▪ **Features**

- Remove false signals used with CCD,CMOS cameras.
- Affixed combination of quartz crystal double refraction plates.

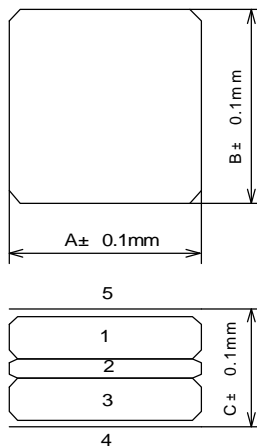
▪ **Application size**

- Available up to 30x30

▪ **Standard Specification:**

Specification	Requirement	
Flatness	5 Newton ring max.	
Parallelism	2' max.	
Optical axis precision	45° ±60' 以内	
Filtering characteristics	400 nm : T > 80%	750 ~ 1000 nm : T < 3%
	450 ~ 600 nm : T > 90%	650 ±10nm : T < 10%
	650 ±10nm : T = 50%	

▪ **Outline Drawing**



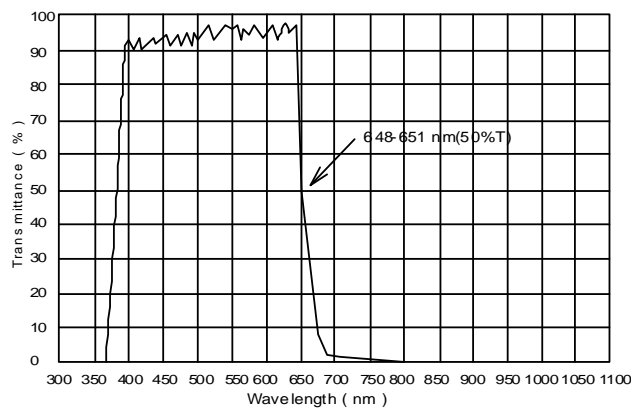
	1/2 inch size	1/3 inch size	1/4 inch size	1/5 inch size
A	12.8	8.8	7.8	6
B	11.8	8.2	7.3	5
C	Subject to the CCD device used			

O.L.P.F.Structure (example)

1. Quartz crystal double refraction plate
2. Quartz crystal double refraction plate
3. Quartz crystal double refraction plate
4. AR Coat
5. IR Cut Filter

▪ **Transmittance characteristics (example)**

AR Coating (Reflection pattern)



IR Cut Glass (Absorption pattern)

