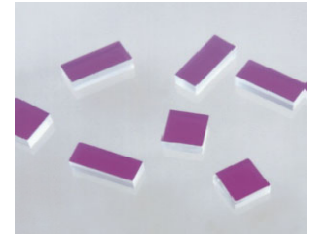


3D Sensing Filter

3D sensing filter is a high-performance optical element, which is widely used in 3D face recognition, gesture interaction, heart rate detection. Auxora's 3D sensing filter has the characteristics of High reliability, high transmissivity, low cost, low wavelength angle shift, stable performance, etc.



SPECIFICATIONS

Parameters	Unit	Value
Substrate Material	/	D263T or equivalent
AOI From Air(λc)	degree	0~30
CWL@0 deg	nm	940 \pm 5 or customized
Pass Band @0 deg	nm	\geq 28
Tave%@passband	%	>90
Blockside 1	nm	1000~1080
Blockside 2	nm	300~800
Optical Density(average)@Blockside1 @0deg	OD	\geq 3
Optical Density(average)@Blockside2 @0deg	OD	\geq 5
Optical Density(absolute)@Blockside2 @0deg	OD	\geq 3
Deadband@T% 10% to 90%@0deg	nm	\leq 9(reference only)
CW Shift 0~30deg	nm	\leq 12
Scrach/Dig	---	40/20
Clear Aperture	%	80
Dimension(LxWxH)	mm	6.5(\pm 0.05)x6.5(\pm 0.05)x0.3(\pm 0.1)
Operation Temperature Range	$^{\circ}$ C	-20 ~ 70
Storage Temperature	$^{\circ}$ C	-40 ~ 85

Ordering Information:

- The above specifications are one of Auxora specifications. If you have any requirements for this product, please contact us. sales@auxora.com