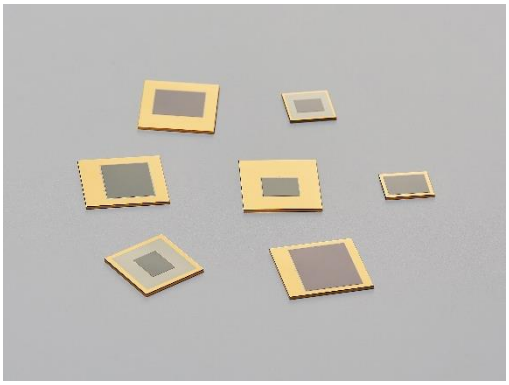
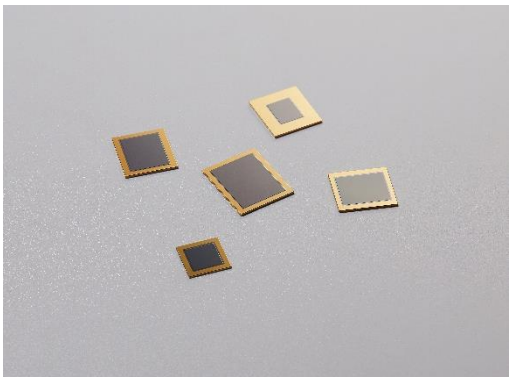
Infrared optical window



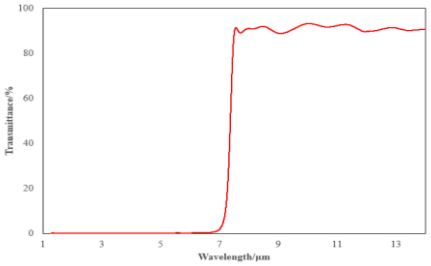


Typical product examples

Infrared long pass germanium window

Applied to uncooled thermal imaging sensor. The following figure shows the typical spectral curve and specific parameters:

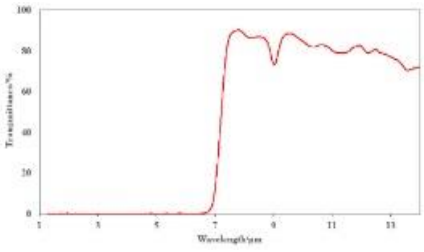
Substrate：	Germanium；
Dimension：	23.5mm×25mm×1mm or as customer required；
Spectrum：	Vertical incidence，T<1%@1~6.8μm；
	Tavg＞88%@7.5~14μm；
Metallization：	CrNiAu/TiNiAu/TiPtAu
	(or as customer required)；
Surface quality：	20/10（MIL13830B）
Humidity and temperature test：	＞500h @ 85%&95℃



Infrared long pass silicon window

Applied to uncooled thermal imaging sensor. The following figure shows the typical spectral curve and specific parameters:

Substrate：	Silicon
Dimension：	23.5mm×25mm×1mm or as customer required;
Spectrum：	Vertical incidence ，T<1%@1~6.8μm，
	Tavg＞80%@7.5~14μm；
Metallization：	CrNiAu/TiNiAu/TiPtAu
	(or as customer required)
Surface quality：	20/10（MIL13830B）
Humidity and temperature test：	＞500h @ 85%&95℃



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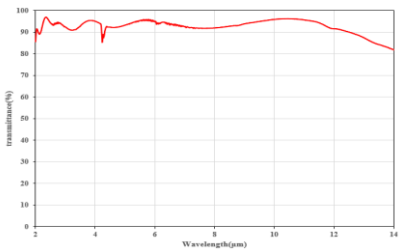
2~14μm wide spectrum AR

Applied to uncooled thermal imaging sensor. The following figure shows the typical spectral curve and specific parameters:

Substrate：	Germanium
Dimension：	23.5mm×25mm×1mm or as customer required ；
Spectrum：	Vertical incidence ，Tavg＞90%@2~14μm；
Metallization：	CrNiAu/TiNiAu/TiPtAu(or as customer required)；
Surface quality：	20/10（MIL13830B）
Humidity and temperature test：	＞500h @ 85%&95℃



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