

UV- and/or Thermo-curable Adhesives

Adhesive series include UV-curable, thermosetting and UV- and thermo-curable resins

Product Name	SA2500	SA2700HN	SA2371DN
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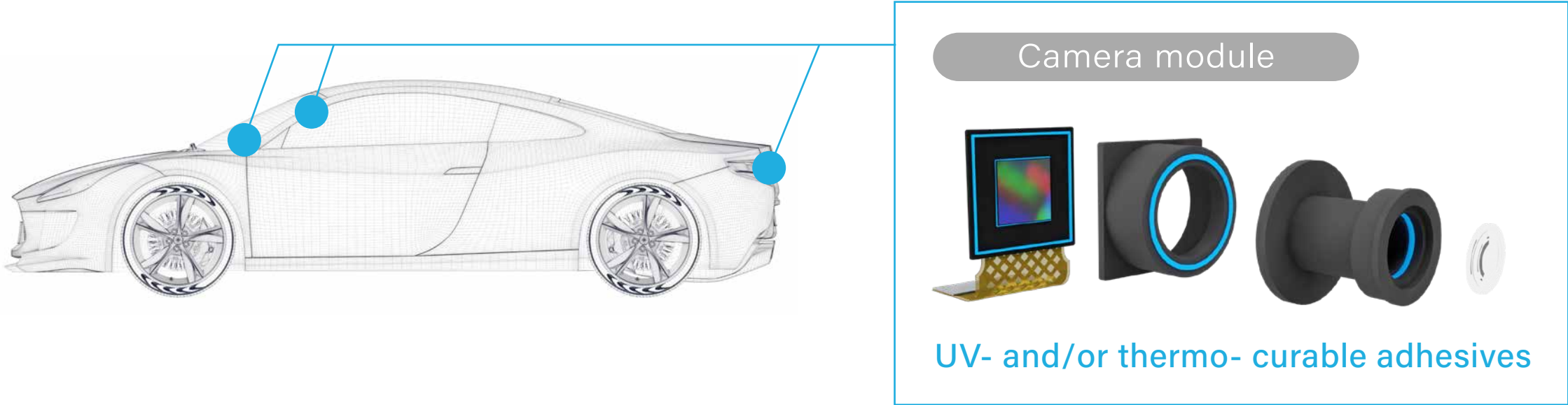
Features



- Adhesives that cure rapidly by ultraviolet radiation, heat, or UV + heat
- For fixing of high-precision components
- For fixing the parts of optical pickups and camera modules that need low cure temperature and low shrinkage

Applications

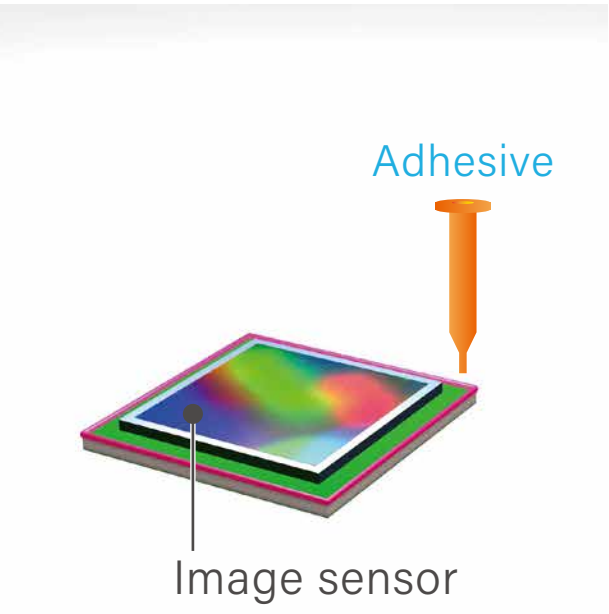
Bonding of automotive camera modules



How to use (ex. SA2371DN)

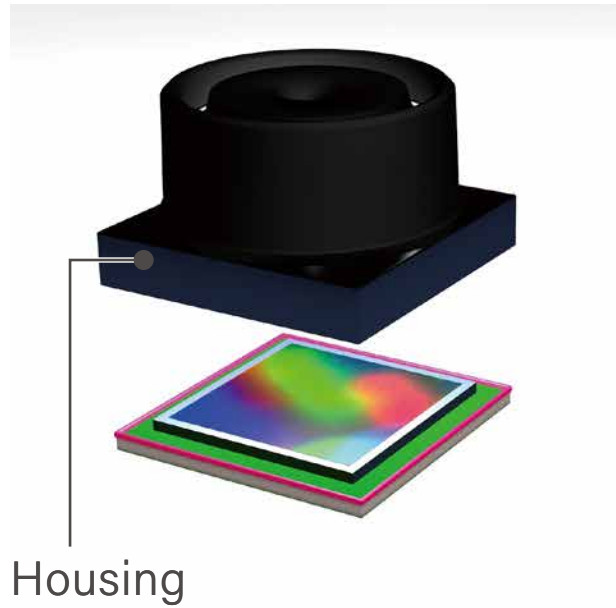
Step 1

Applying adhesive



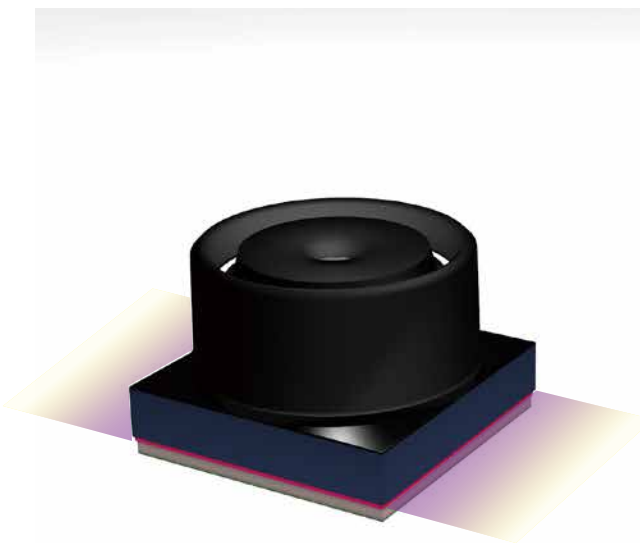
Step 2

Active alignment



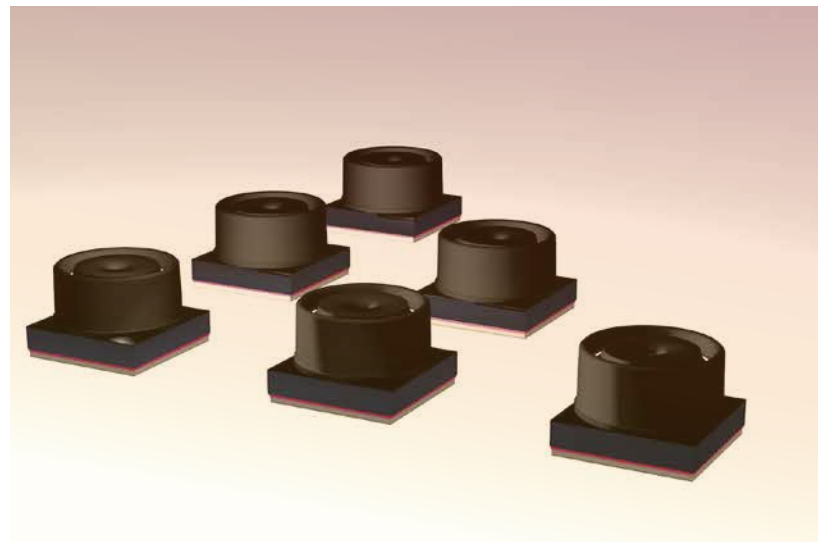
Step 3

UV curing



Step 4

Thermal curing in oven equipment



Specifications

Item name		SA2500	SA2700HN	SA2371DN
Resin type		Epoxy	Epoxy	Acrylic & Epoxy
Liquid properties	Viscosity ^{*1} [mPa・s]	20,000	70,000	21,000
	Thixotropic index ^{*1}	2.1	5.5	2.0
Properties after curing	Hardness ^{*2}	D89	D88	D90
	Tg ^{*3} [°C]	121	135	130
Recommend cure condition		UV curing 6000 mJ/cm ² or more ^{*4}	Thermal curing 160°C x 30 min or more	UV + Thermal 200 mW/cm ² x 2 sec or more ^{*4} + 80°C x 60 min or more

*1 : Rheo-meter @25°C *2 : Durometer (Code D) *3 : JIS K7244 *4 : Metal-halide lamp

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