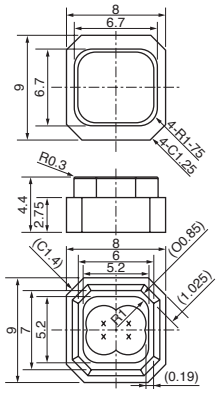
Pyroelectric Infrared Sensors/Fresnel Lens

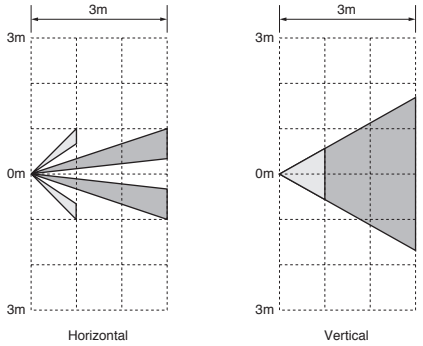
muRata

IML-0642

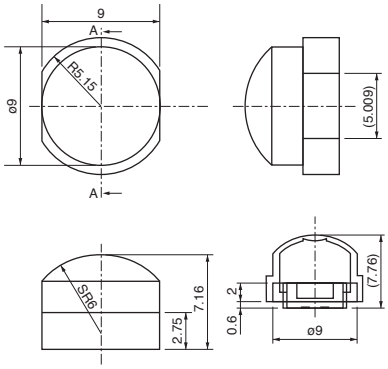


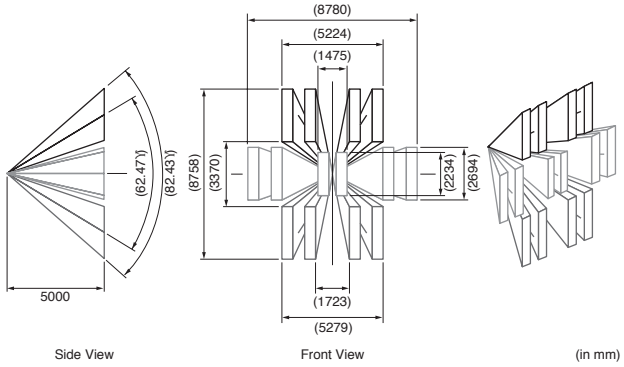
1) Insert a sensor into Fresnel lens like each tab is overlapped. (In case there are two tabs on Fresnel lens, the field of view is determined by your choice (TabA or B on Fresnel lens). Please see following page(s) for more details to see which characteristic of field of view is preferable for your application.)
2) Push the sensor into Fresnel lens until the top face of sensor reaches to the stopper inside Fresnel lens.
3) Please prepare a housing yourself that is put onto Fresnel lens as shown in FigureA. The hatching area shown in Figure A, must be obscured by the housing in order to prevent mis-detection. Unless otherwise unexpected infrared ray comes though the hatching area.

(in mm)
General tolerance : ±0.2



IML-0658





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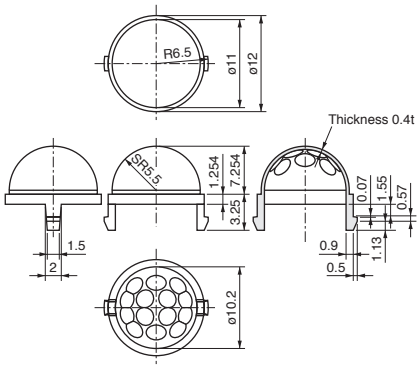
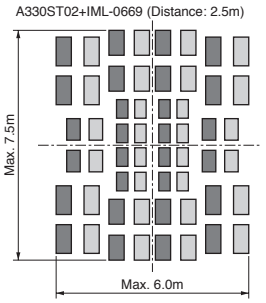
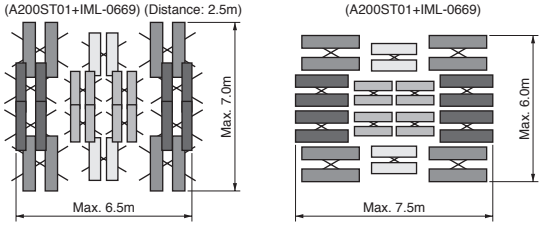
IML-0669







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Fresnel lens are available upon request.

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