

### Miniature Low-Light Lens



### Description

The DSL967 is a compact lens designed for 1/2.9" imagers. It is suited for low light applications with its low F/1.6 aperture.

### Key Features

- All Glass construction
- F/1.6 for excellent low-light performance
- Compact size

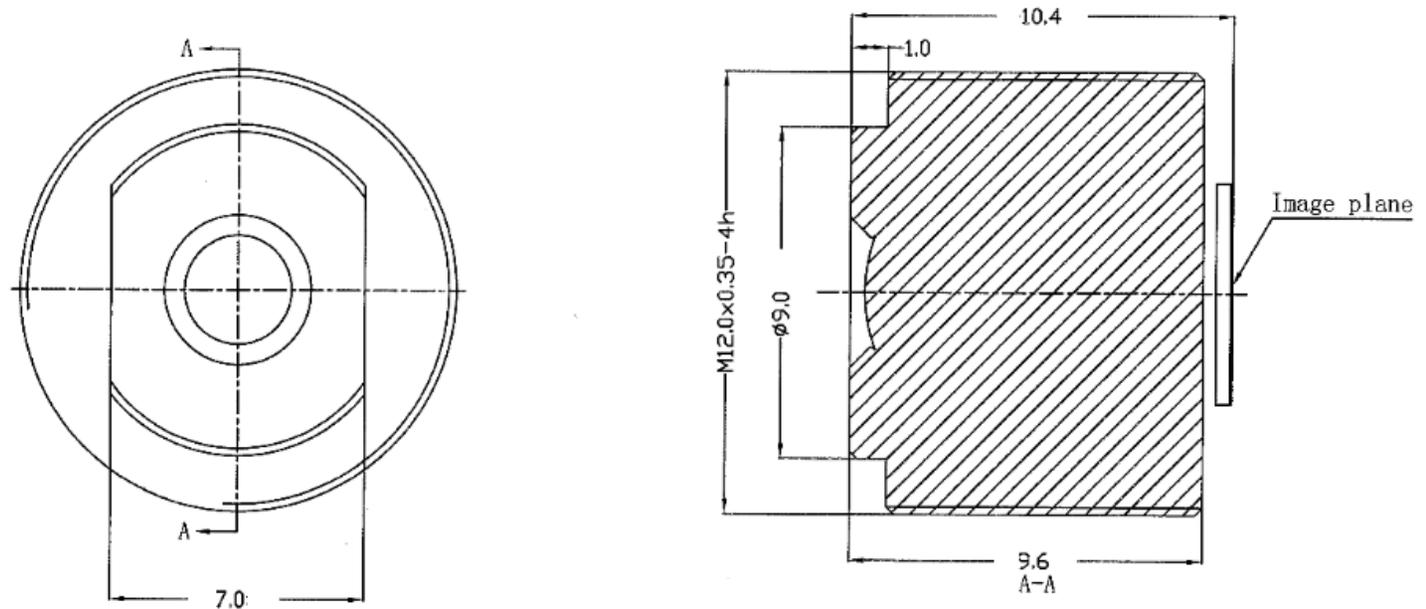
### Optical Specifications

Sunex PN DSL967	
Description	Miniature Low-Light lens
Imager Format	1/2.9"
Nominal Imager Resolution	2MP
Focal Length	5.92mm
Relative Aperture (F/#)	1.6
Image Circle	6mm
Field of View	59° @ 6mm image circle
Total Track Length	14.9mm
Distortion	-10% f- tan theta
Chief Ray Angle	15° @6mm image circle
IR cut-off filter	Optional IR cut-off filter

### Applications

- Automotive
- Video conferencing
- Computer vision

**DSL967C-BP940-F2.0 Mechanical Dimensions [mm]:**



**Note:**

- 1. EFL=5.92mm;
- 2. F/#=2.0
- 3. Barrel material: Black anodized AL6061;
- 4. IR Filter:  
300~850nm,  $T_{max} \leq 1.5\%$ ,  $T_{avg} \leq 1\%$ ;  $T=50\% @ 870 \pm 15nm$ ,  
900~1000nm,  $T_{min} > 88\%$ ,  $T_{avg} > 90\%$ ;  $T=50\% @ 1020 \pm 15nm$ ,  
1040~1100nm,  $T_{max} \leq 1.5\%$ ,  $T_{avg} \leq 1\%$ .