

Glass Lens for 1/4" CMOS/CCD imagers**Description**

The DSL840 lens is a multi-element, glass lens optimized for 1/4" format CMOS/CCD image sensors.

Key Features

- Optimized for 1/4" format CMOS imager
- All glass elements: compatible with out-door environment
- Aperture F/2.8: long depth of focus, optimized for fixed focus operation
- Built-in IR cut-off filter.

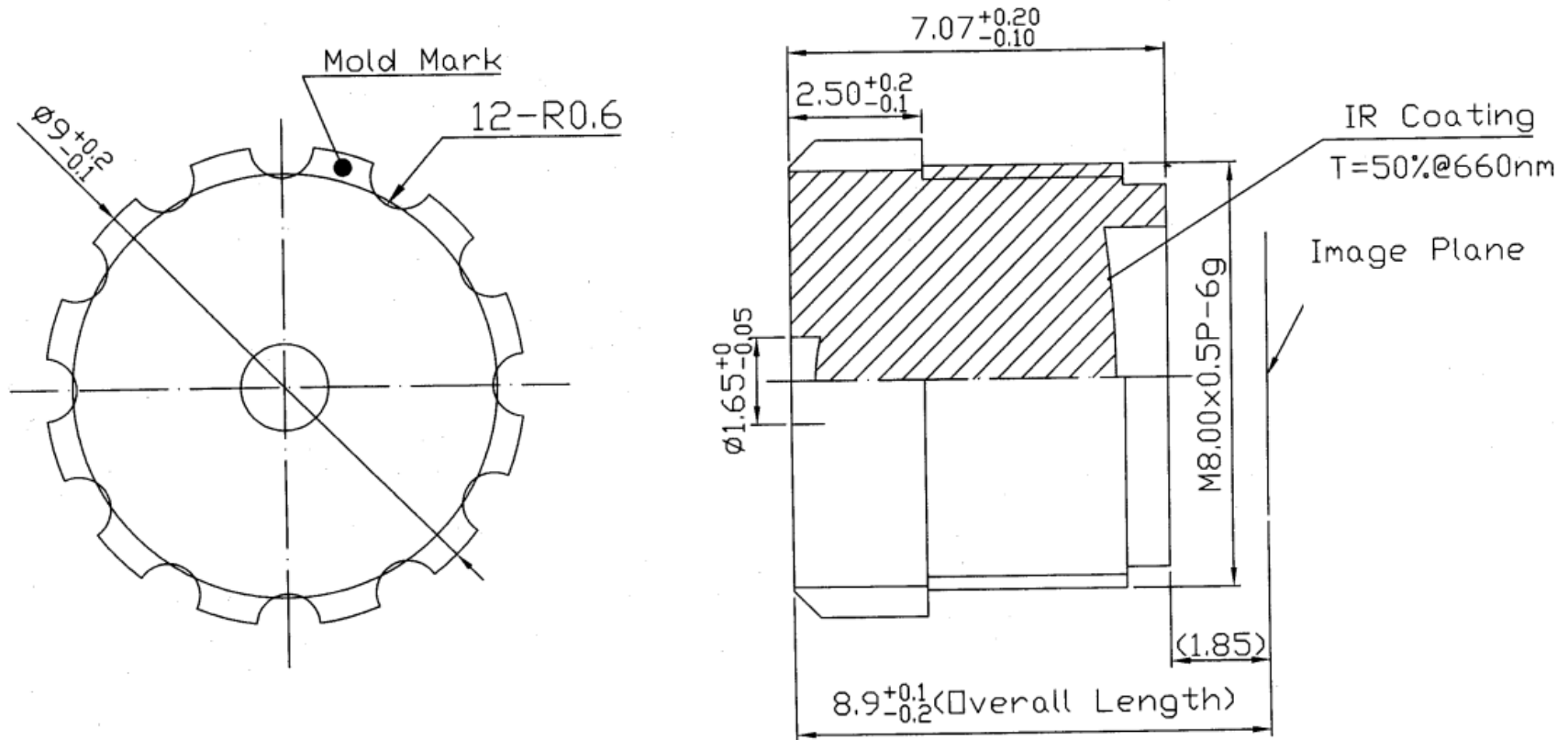
Applications

- Dual-mode digital cameras
- Cell phone digital cameras
- Digital cameras for PDA

Optical specifications

PN	DSL840
Description	Dual mode and low-profile lens
Imager Format	1/4"
Focal length (mm)	4.63
F/#	2.8
Max. Image Circle (mm)	4.9
Diagonal Field of View (deg)	57
35mm Equivalent Focal Length (mm)	40
Modulation Transfer Function (MTF)	See MTF data for details
Resolution	See MTF data for details
Distortion	-3.3%
Corner chief ray angle (deg)	4.33
Relative Illumination	67%
Total optical path length (mm)	8.6
Mechanical	See below
Filter Option	IR-cut filter included
Lens mount option	CMT712

DSL840A Mechanical Dimension: (mm)



DSL840L Mechanical Dimension: (mm)

