

Technical drawing of the Sii Optics SSI-P12807-212 camera module. The drawing shows a side view of the module with various dimensions and labels.

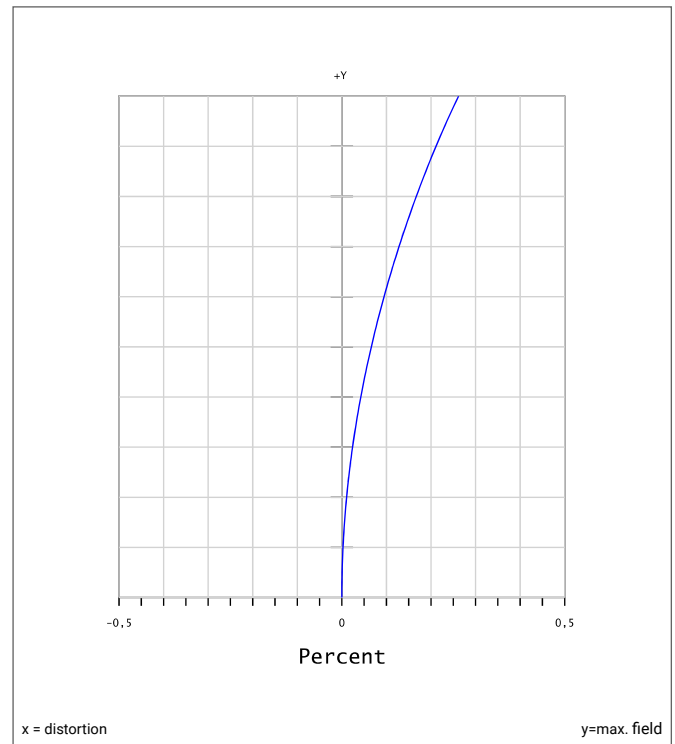
Key dimensions and labels:

- Overall width: 157,3
- Main body diameter: $\varnothing 70$
- Filter thread: M67 x 0,75 6H ∇ 3mm (filter thread)
- DIA C.A.: 62
- Model number: SSI-P12807-212
- Serial number: T800.71 123456
- Lens diameter: $\varnothing 55$
- Focal length: $\varnothing 47^{0}_{-0,1}$
- Maximum focus range: max
- Minimum focus range: min
- Distance to image screen: 46,5
- Other dimensions: 7, 89,5, 127, 13, 3,7, 4,75, ($\varnothing 43,5$), $\varnothing 55$, DIA C.A. $\varnothing 24$

SPECIFICATIONS

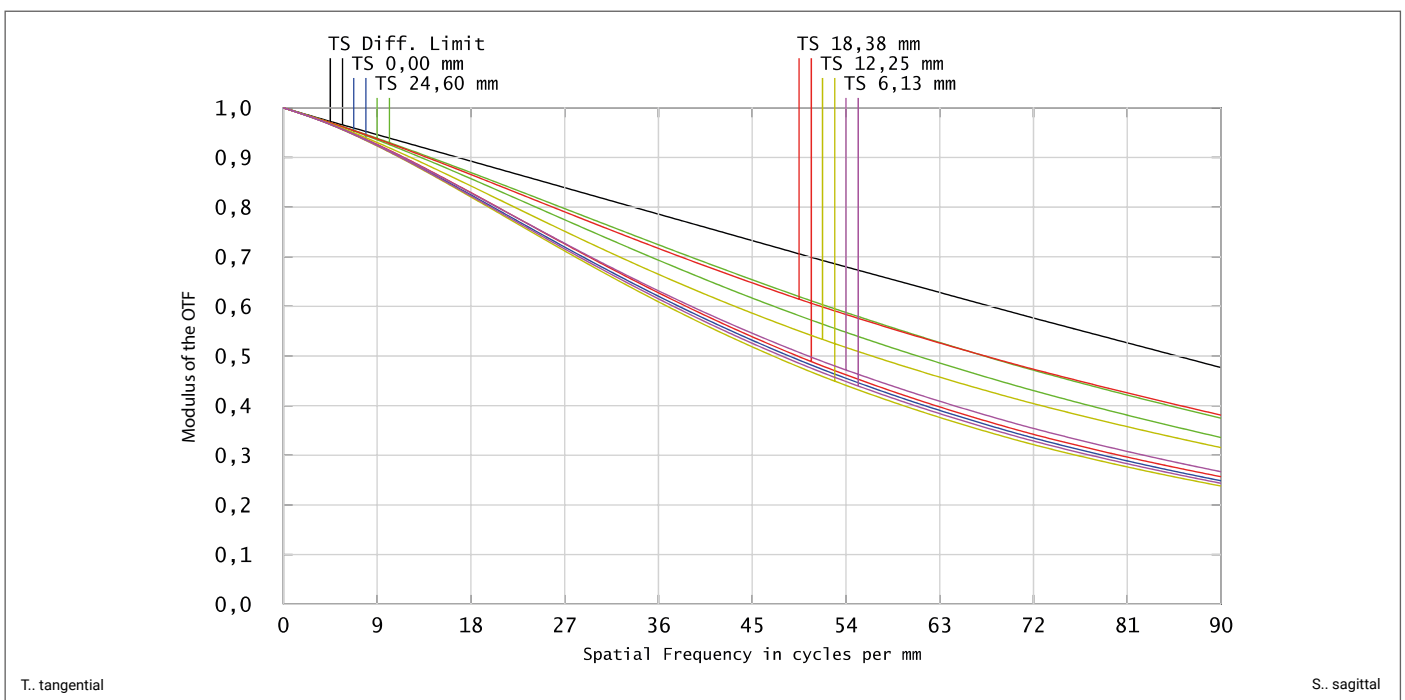
article number	S5LPJ2607-FMO
wavelength range [nm]	450 - 700
design wavelength [nm]	586
magnification (+/-5%)	0.71
working distance [mm] (+/-2%)	140.00
object size [mm] at a chip size of [mm]	28.0 x 28.0 19.9 x 19.9 (28.2)
object size [mm] at a chip size of [mm]	32.4 x 32.4 23.0 x 23.0 (32.6)
object size [mm] at a chip size of [mm]	34.8 x 34.8 24.7 x 24.7 (35.0)
max. telecentricity error [°]	0.092
recommended numerical aperture	0.450
max. distortion [%]	0.26
weight [kg]	not yet weighed
flange back distance [mm]	46.50
accessory	S5SET0022 (mount)

DISTORTION FOR 586 nm



REMARKS

MTF FOR VARIOUS OBJECT HEIGHTS AT 586 nm



GRAPHS AND DATA GIVEN BY DESIGN