

## Accessories for ImageIR®

Precision microscopic lens MWIR M = 1.0x

### Short description:

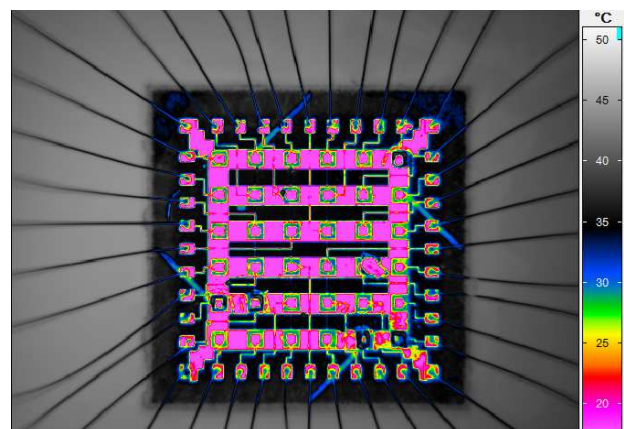
This special microscopic lens is a powerful tool for precise thermal analyses of very small structures in the spectral range of 3.0 to 5.5  $\mu\text{m}$ . Used with the thermographic camera series ImageIR® you can reach an image area of (9.6 x 7.68)  $\text{mm}^2$  for measuring the thermal behaviour of smallest structures from a convenient working distance.

### Technical specification:

Working distance	$\geq 195 \text{ mm}$
Magnification	1.0x
F-number	3.0
Mean transmission	$> 85 \%$
Working distance	195 mm
Distortion	$< 1 \%$
MTF calculated for pitch spatial frequency centre	15 $\mu\text{m}$ at 24 cc/mm 40%
Operating temperature	(10 ... 50) $^{\circ}\text{C}$
Storage temperature	(-10 ... 70) $^{\circ}\text{C}$
Diameter max.	110 mm
Length	193 mm
Mechanical interface	M 60 x 1
Weight	1,500 g



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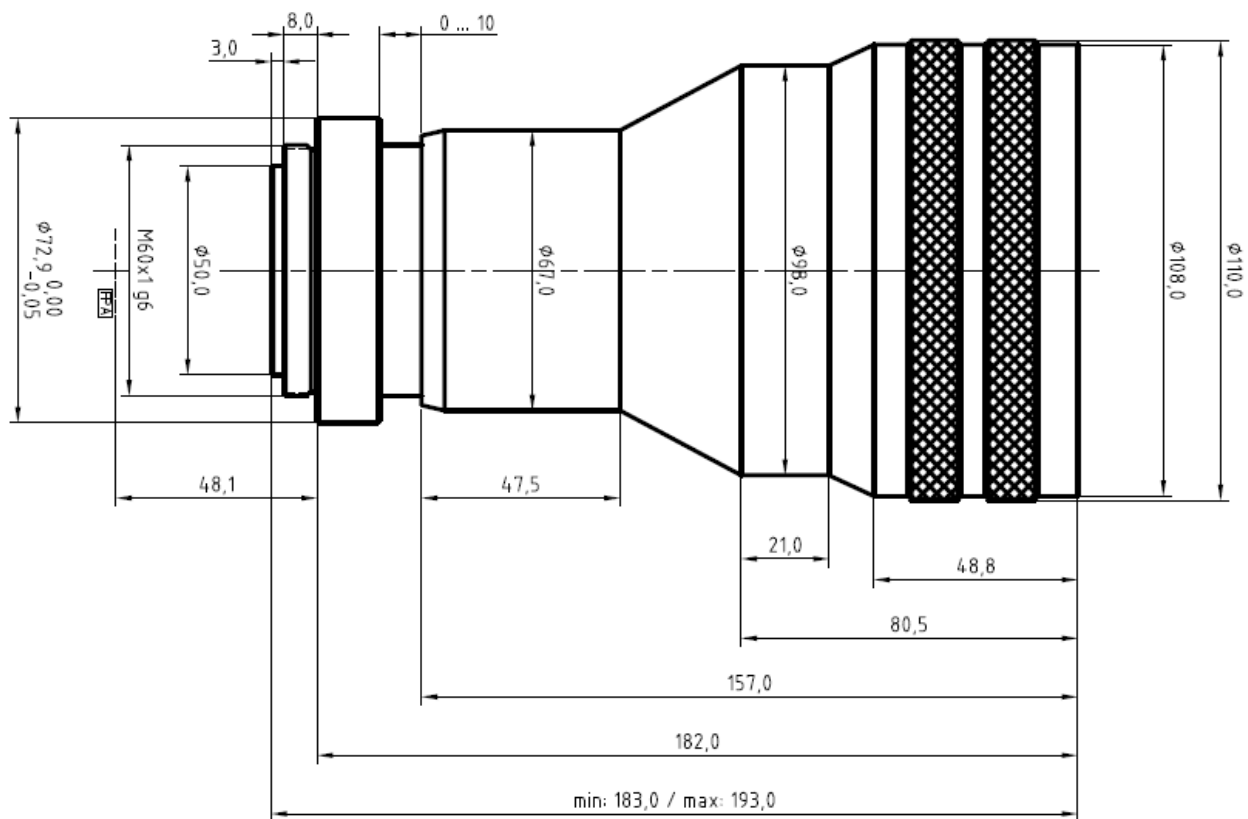


Microthermography of a microchip layout

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Mechanical drawing:



Information are subject to specification and design changes due to technical progress.