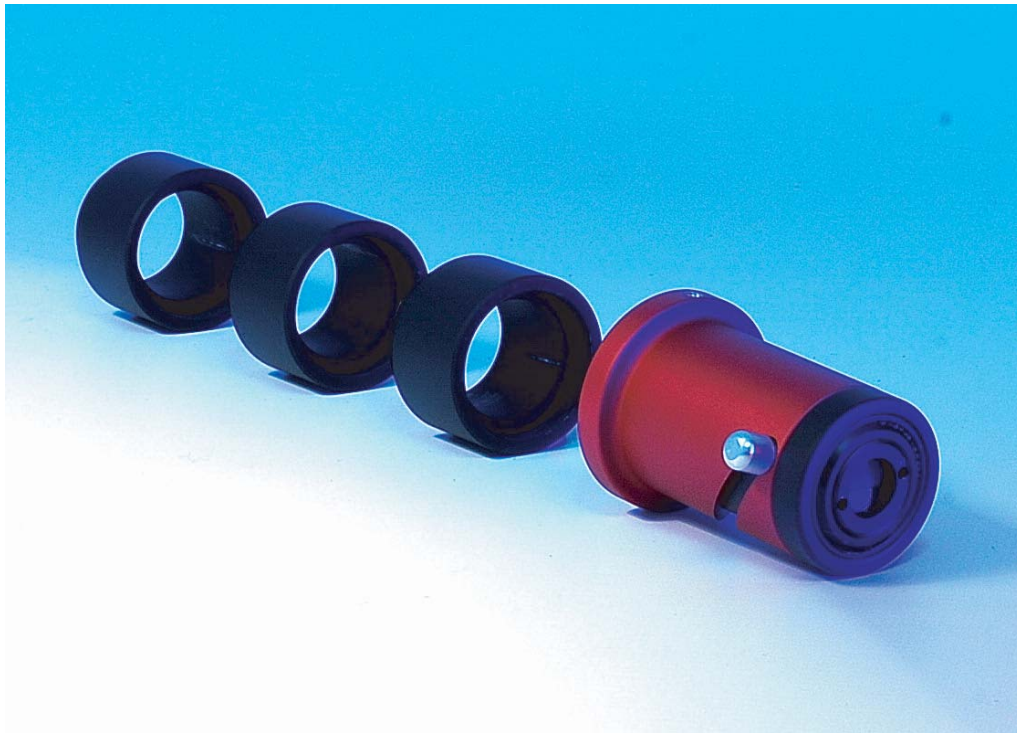


MCO.33X

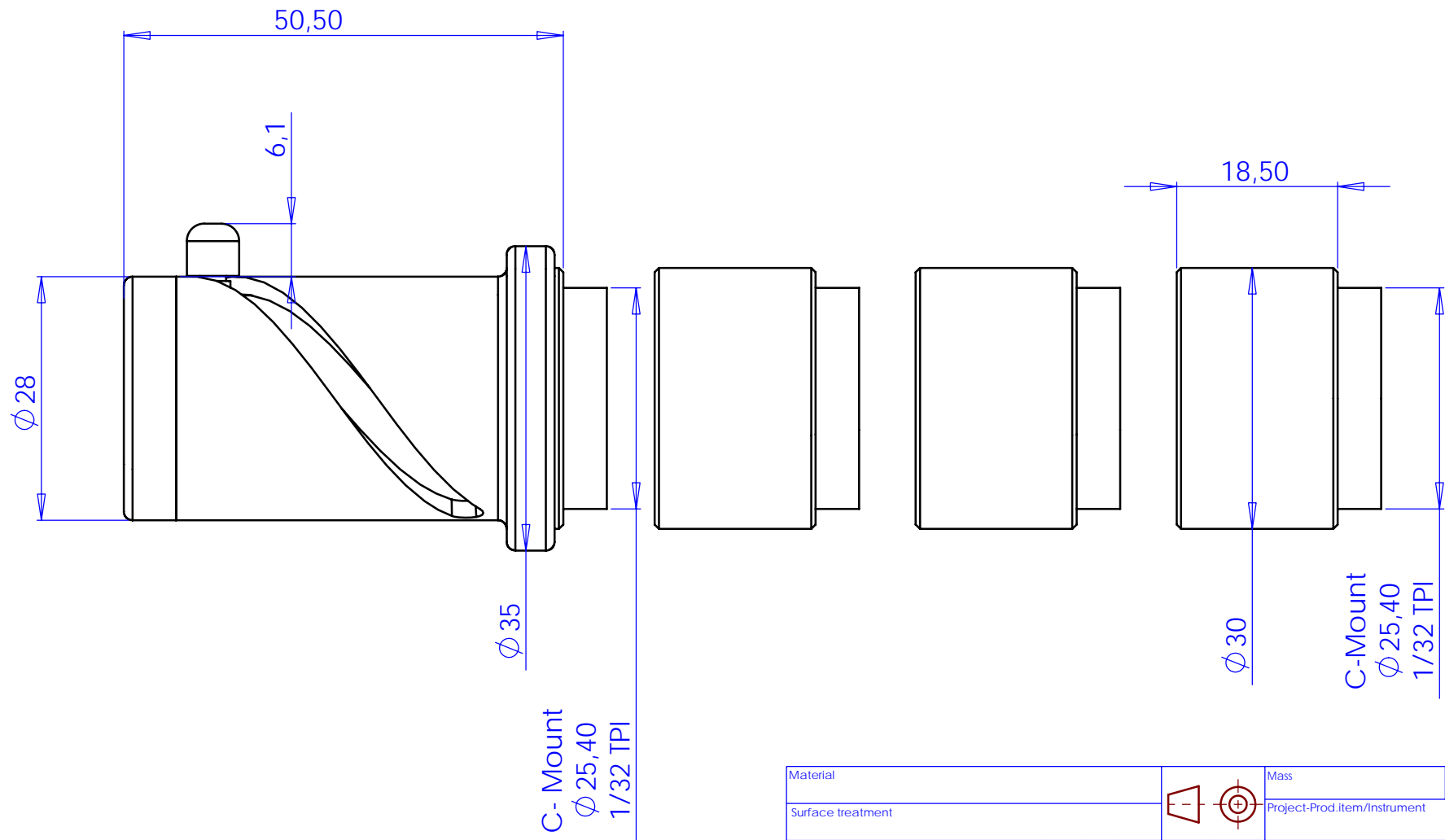
0.33X ZERO DISTORTION MACRO LENS FOR 2/3" DETECTOR



P/N		MC3-03X
Detector Size		up to 2/3"
Magnification Ranges		
<i>no spacers</i>		from 0,1x to 0,9x
<i>1 spacer</i>		from 0,7x to 1,6x
<i>2 spacers</i>		from 1,4x to 2,3x
<i>3 spacers</i>		from 2,1x to 3,0x
Wavelength range	(nm)	450 .. 650
Working F-number		from 6 to 21
Distortion	(%)	< 0,07
Diameter	(mm)	28,00
Length (without spacers)	(mm)	50,5
Weigh (including 3 spacers)	(g)	270
Mount		C

MECHANICAL DRAWINGS: see next page >>

Rev No.	Description	Date	Name



Material			Mass	Scale 2:1				
Surface treatment			Project-Prod.Item/Instrument					
Geometrical tolerance (ISO 2768-2)		Class	K	Undimensioned bevels 1x45° Undimensioned radii R 0.5				
Linear tolerance (ISO 2768-2)		Class	m					
0.5 +3 ±0.1	>3- 6 ±0.1	>6- 30 ±0.2	>30- 120 ±0.3	>120 +400 ±0.5	>400- 1000 ±0.8	>1000 +2000 ±1.2	>2000 +4000 ±2	Description MC 0.33X - 3X
		Date	Name	Drawing No.	Sheet 1/1			
www.opto-engineering.com		Designed	Draw	Checked	Reproduction forbidden without specific authorization			