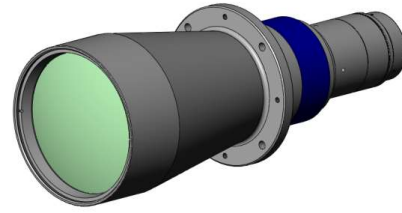


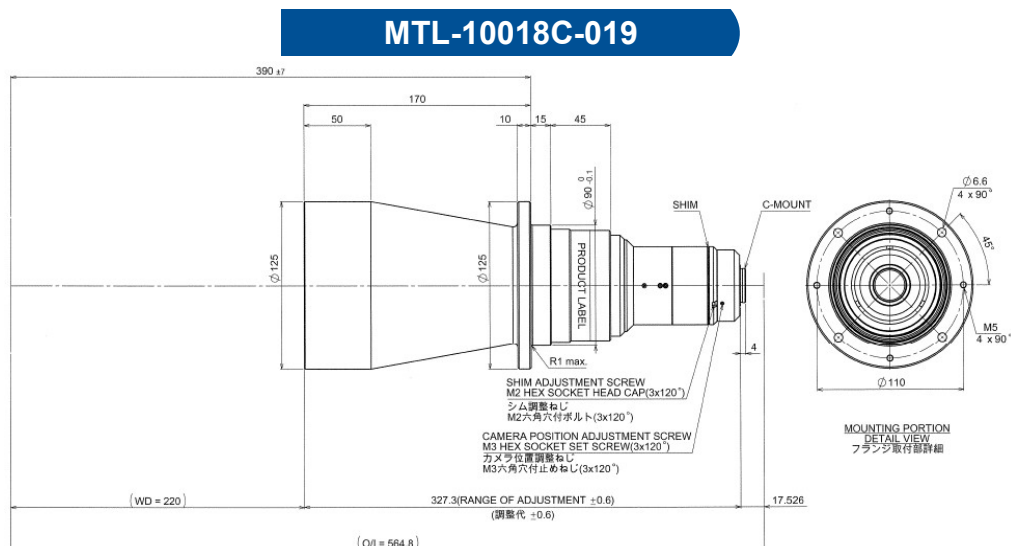
MTL-10018C-019

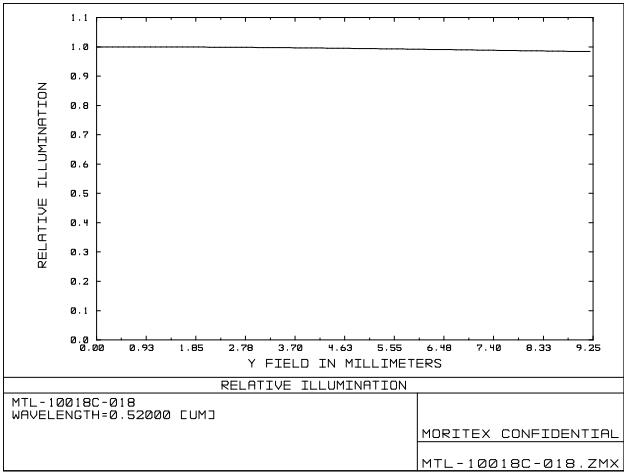
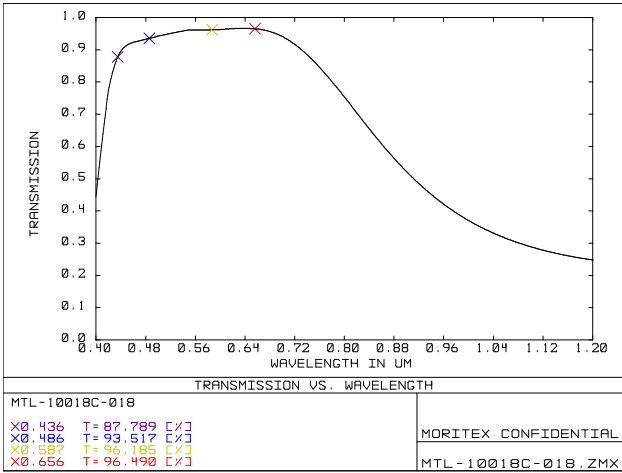
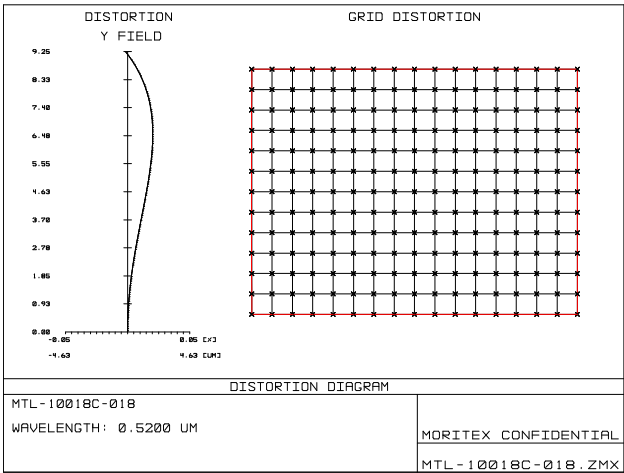
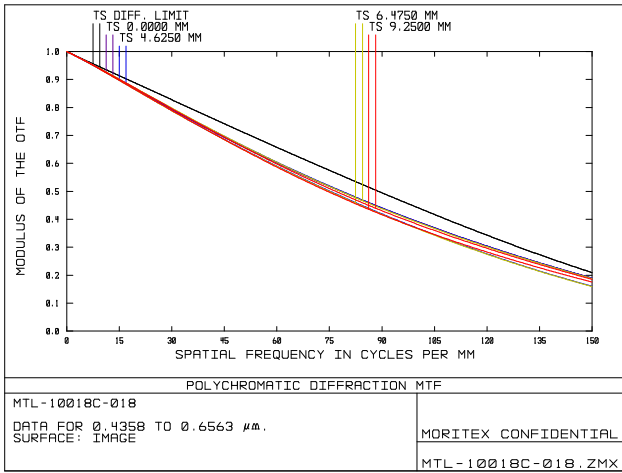
MTL series



Drawing No. A22151

Lens Type	Fixed Magnification Bi Telecentric Lens
Magnification	0.19
Focal Length (mm)	4,290.78
Effective Fno	8.01
Numerical Aperture	0.012
Working/Object Distance (mm)	220.0/225.0
Object to Image Distance (mm)	564.83
Mechanical Tube Length (mm)	327.31
Lens Back (mm)	25.91
DOF @PCoC $\phi 0.04\text{mm}$ (mm)	18.710
Resolution @ $\lambda=520\text{nm}$ (μm)	27.5
Front/Rear Principal Position (mm)	27,253.01/-5,058.96
Entrance/Exit Pupil Position (mm)	32,901.85/-2,620.46
Entrance/Exit Pupil Diameter (mm)	765.16/330.31
Telecentricity (deg.)	0.030(MAX:-0.07)
Optical Distortion (%)	0.020(MAX:0.1)
Relative Illumination (%)	98.37
Weight (g)	2,110.0
Mount	C Mount
Image Circle (mm)	$\phi 18.5$





The content is subject to change.

MORITEX Corporation

Technology Center : Lens Design & Development Technology

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