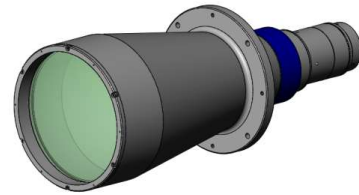


MTL-13518C-014

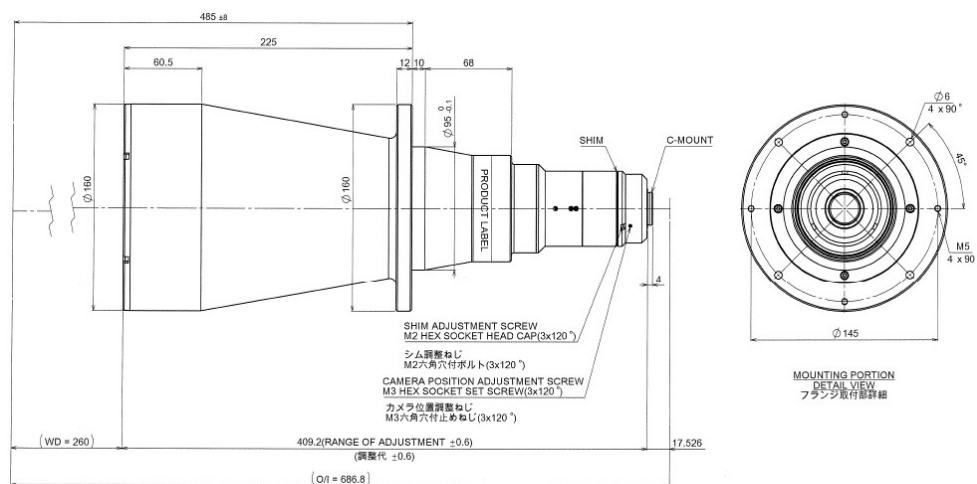
MTL series

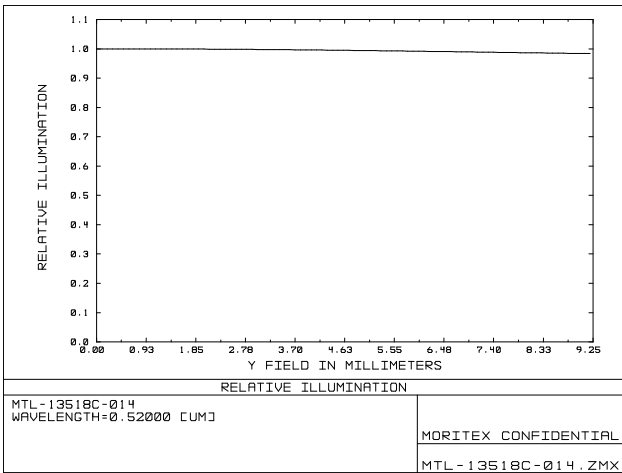
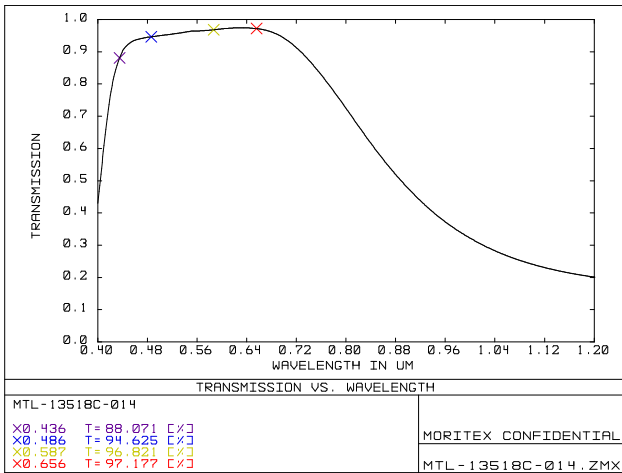
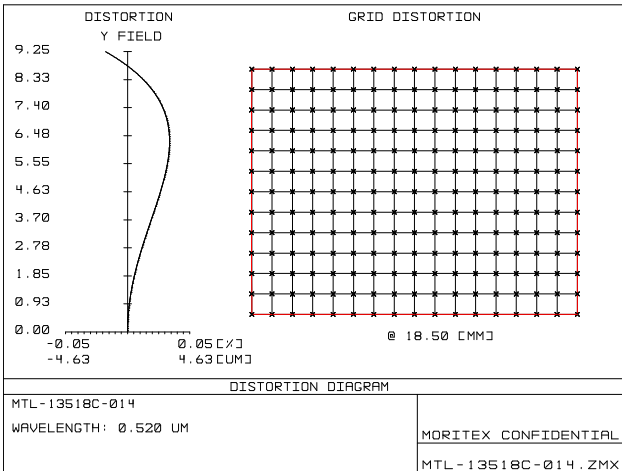
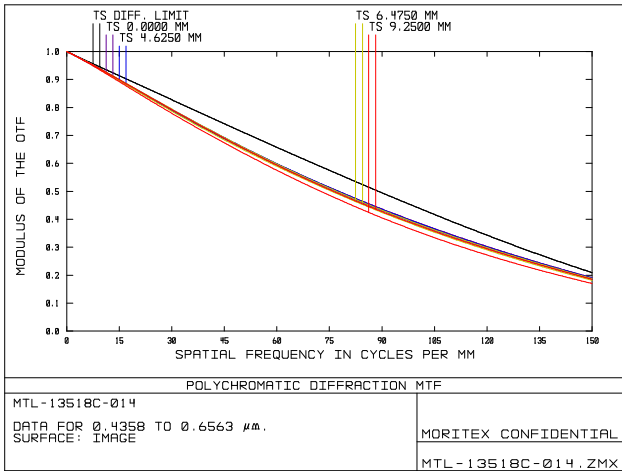


Drawing No. A22152

Lens Type	Fixed Magnification Bi Telecentric Lens
Magnification	0.14
Focal Length (mm)	3,417.30
Effective Fno	8.01
Numerical Aperture	0.009
Working/Object Distance (mm)	260.0/265.0
Object to Image Distance (mm)	686.77
Mechanical Tube Length (mm)	409.24
Lens Back (mm)	25.90
DOF @PCoC $\phi 0.04\text{mm}$ (mm)	34.091
Resolution @ $\lambda=520\text{nm}$ (μm)	37.1
Front/Rear Principal Position (mm)	28,078.86/-3,859.99
Entrance/Exit Pupil Position (mm)	30,023.94/-2,620.46
Entrance/Exit Pupil Diameter (mm)	518.31/330.31
Telecentricity (deg.)	0.050(MAX:0.08)
Optical Distortion (%)	0.034(MAX:0.1)
Relative Illumination (%)	98.37
Weight (g)	3,800.0
Mount	C Mount
Image Circle (mm)	$\phi 18.5$

MTL-13518C-014





The content is subject to change.

MORITEX Corporation

Technology Center : Lens Design & Development Technology

For support, please contact :

MORITEX North America, Inc.

TEL +1 (408) 363-2100 machine.vision@moritex.com

FAX +1 (408) 363-9985 www.moritex.com

