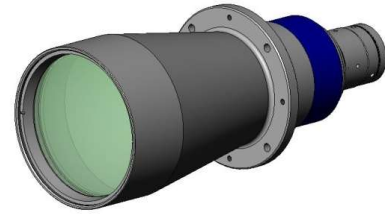


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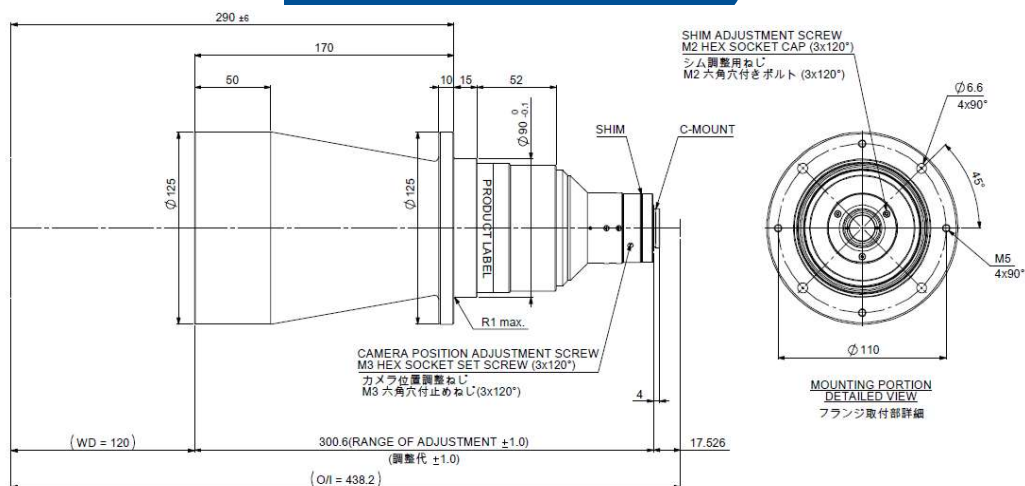
MTL series

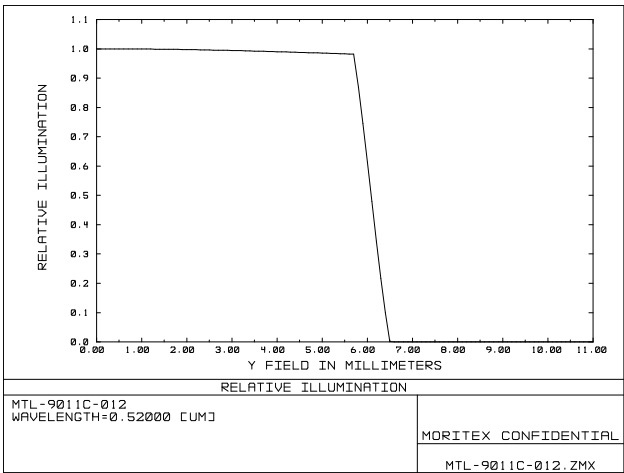
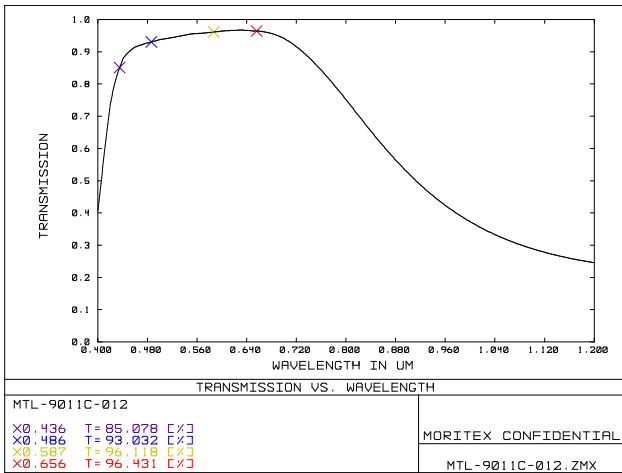
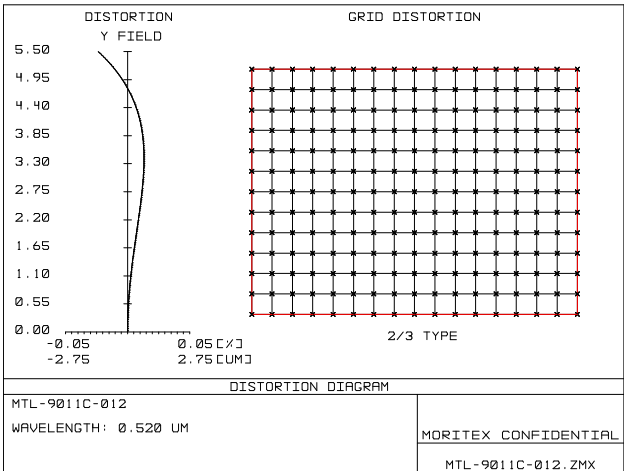
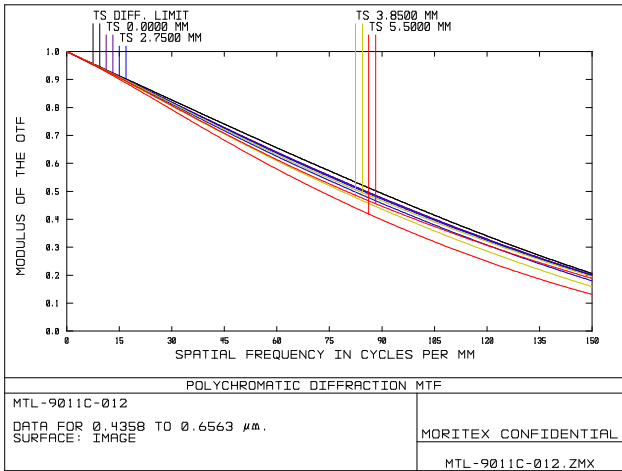


Drawing No. A22033

Lens Type	Fixed Magnification Bi Telecentric Lens
Magnification	0.12
Focal Length (mm)	2,738.53
Effective Fno	8.05
Numerical Aperture	0.008
Working/Object Distance (mm)	120.0/125.0
Object to Image Distance (mm)	438.15
Mechanical Tube Length (mm)	300.62
Lens Back (mm)	31.73
DOF @PCoC $\phi 0.04\text{mm}$ (mm)	43.089
Resolution @ $\lambda=520\text{nm}$ (μm)	41.8
Front/Rear Principal Position (mm)	25,020.01/-3,041.54
Entrance/Exit Pupil Position (mm)	28,531.95/-1,502.87
Entrance/Exit Pupil Diameter (mm)	435.10/190.63
Telecentricity (deg.)	0.031(MAX:-0.07)
Optical Distortion (%)	-0.024(MAX:0.08)
Relative Illumination (%)	98.31
Weight (g)	1,900.0
Mount	C Mount
Image Circle (mm)	$\phi 11$

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The content is subject to change.

MORITEX Corporation

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