

ML-MC43-HR-22C

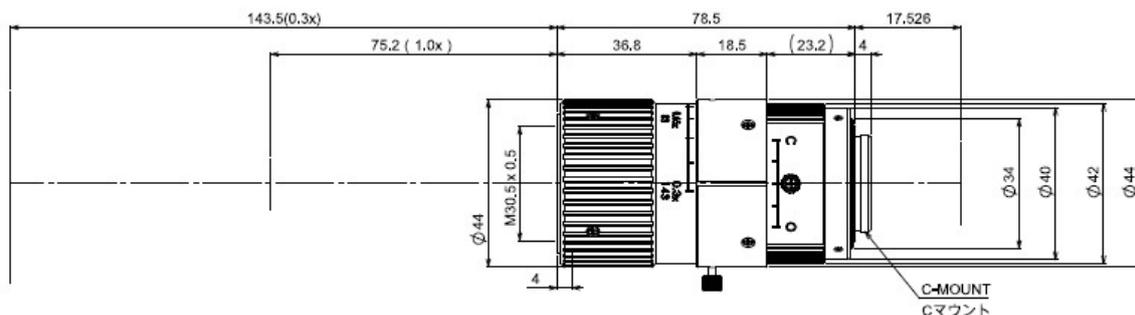
ML-MC-HR-22C



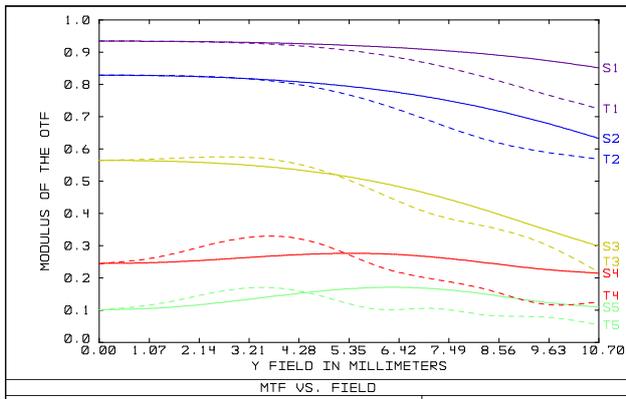
Drawing No. A23311

レンズ形式	Lens Type	Macro Lens
光学倍率	Magnification	1.00
焦点距離 (mm)	Focal Length	43.05
有効Fno	Effective Fno	7.00~32.40
使用波長域 (nm)	Wavelength range used	400~700
NA	Numerical Aperture	-
WD/OD (mm)	Working/Object Distance	75.2 / 80.7
O/I (mm)	Object to Image Distance	170.85
鏡筒長 (mm)	Mechanical Tube Length	78.50
レンズバック (mm)	Lens Back	72.45
被写界深度 (mm)	DOF @PCoC ϕ 0.04mm	0.561~2.592
分解能 (μ m)	Resolution @ λ =550nm	-
前側/後側主点位置 (mm)	Front/Rear Principal Position	5.44 / -13.23
入射/出射瞳位置 (mm)	Entrance/Exit Pupil Position	7.82 / -10.97
入射/出射瞳径 (mm)	Entrance/Exit Pupil Diameter	12.84 / 12.16
画角 (deg.) H×V	Angle Of View	5.72x4.29(2/3 Inch) 9.14x6.86(1.1 Inch) 11.10x8.34(1.2 Inch)
TVディストーション (%)	TV Distortion	\leq 0.001(2/3 Inch) \leq 0.001(1.1 Inch) \leq 0.001(1.2 Inch)
周辺光量比 (%)	Relative Illumination	\geq 99.30(2/3 Inch) \geq 98.26(1.1 Inch) \geq 93.13(1.2 Inch)
質量 (g)	Weight	184.4
マウント	Mount	C Mount
イメージサークル径 (mm)	Image Circle	ϕ 21.4
最大適合カメラ	Largest Compatible Camera	1.2 Inch

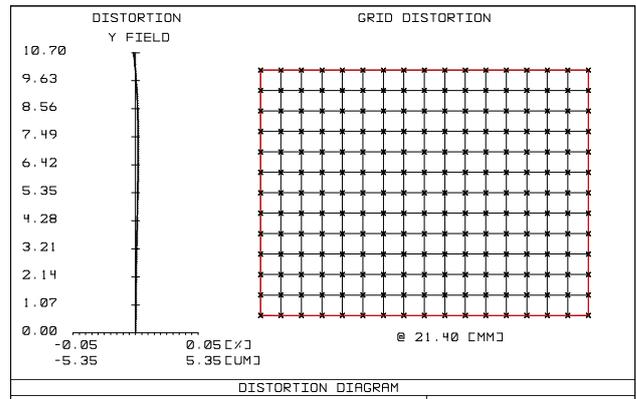
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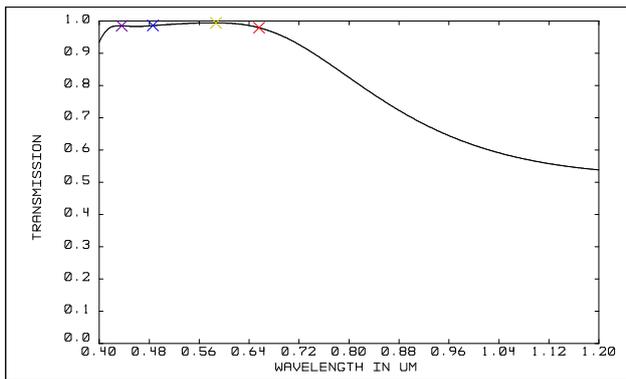
1.00x Fno7.0



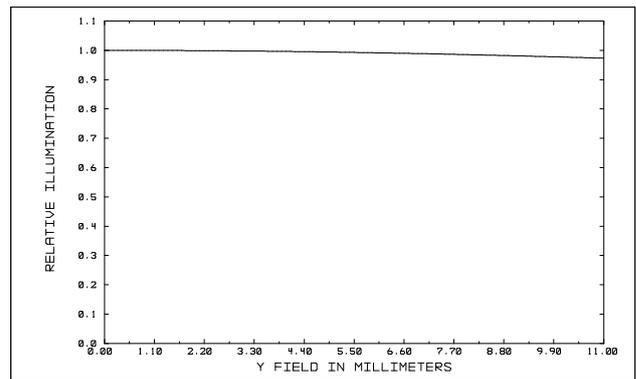
ML-MC43-HR-22C
 DATA FOR 0.4358 TO 0.6563[UM]
 FREQ 1: 6.50 CYC/MM FREQ 4: 50.00 CYC/MM
 FREQ 2: 12.50 CYC/MM FREQ 5: 100.00 CYC/MM
 FREQ 3: 25.00 CYC/MM
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株式会社 **モリテックス** MORITEX Corporation

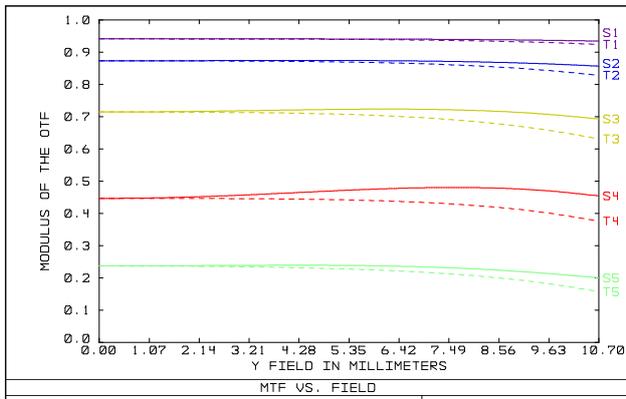
Technology center Lens design & Development technology

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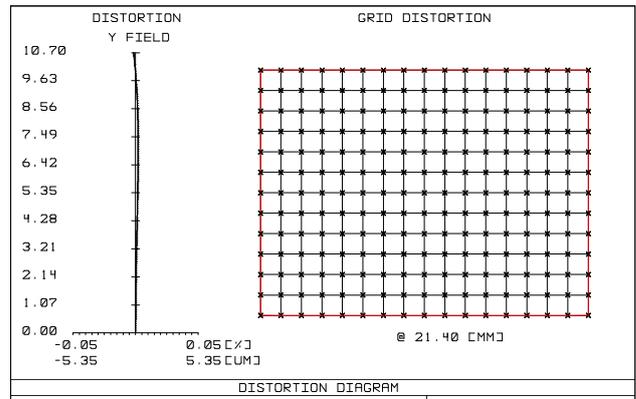
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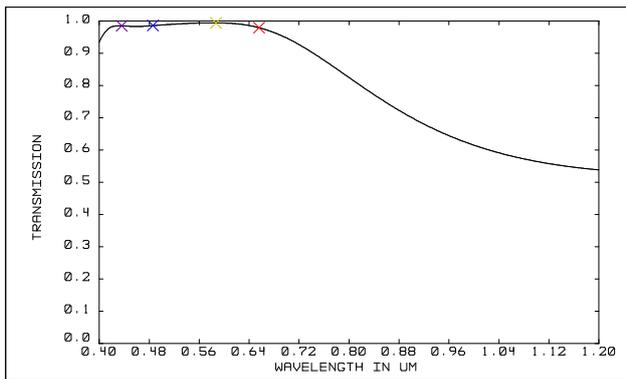
1.00x Fno10.5



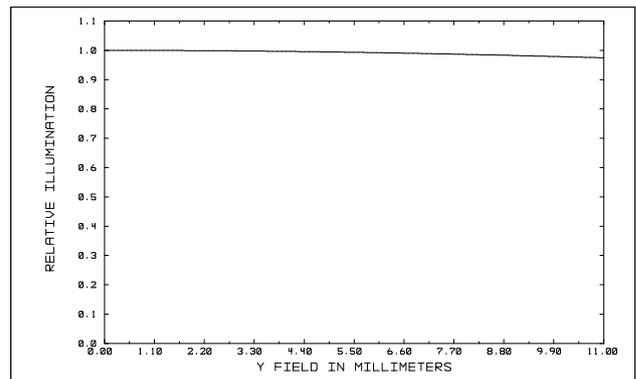
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 FREQ 2: 12.50 CYC/MM FREQ 5: 100.00 CYC/MM
 FREQ 3: 25.00 CYC/MM
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ML-MC43-HR-22C
 WAVELENGTH: 0.588 UM
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 ML-MC43-HR-22C.ZMX



ML-MC43-HR-22C
 X0.436 T=98.521 [%]
 X0.486 T=98.581 [%]
 X0.587 T=99.437 [%]
 X0.656 T=97.918 [%]
 MORITEX CONFIDENTIAL
 ML-MC43-HR-22C.ZMX



ML-MC43-HR-22C
 WAVELENGTH=0.58756 [UM]
 MORITEX CONFIDENTIAL
 ML-MC43-HR-22C.ZMX

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