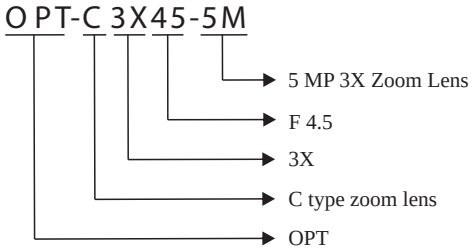
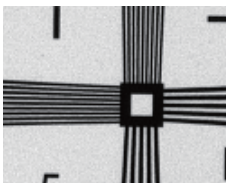
5 MP 3X Zoom Lens

Product Features

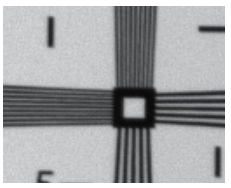
1. 0.3 - 1.0X adjustable magnification
2. Applicable to large target areas, suitable for 2/3" sensor and below
3. High resolution of 120 lp/mm for the whole FOV
4. High uniformity
5. Low distortion of below 0.5% over the entire FOV

Selection Guide





Picture taken with OPT lens



Picture taken with competitor's lens

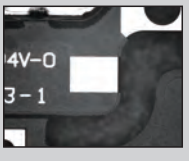
Applications

Part localization and OCR

0.3X zoom

0.1X zoom

These series of lenses can be used in many application areas



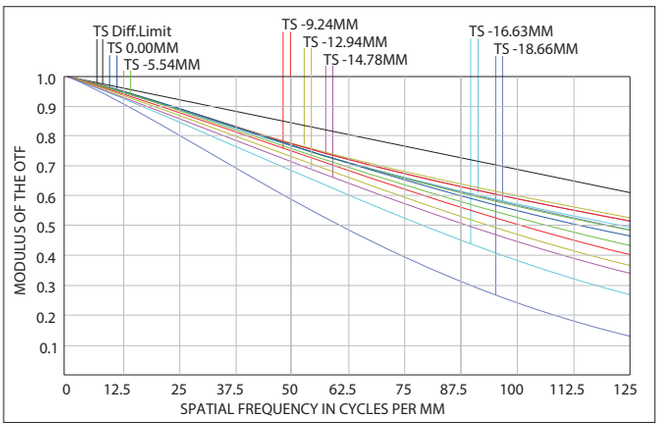
Alignment to PCB fiducials

Edge finding

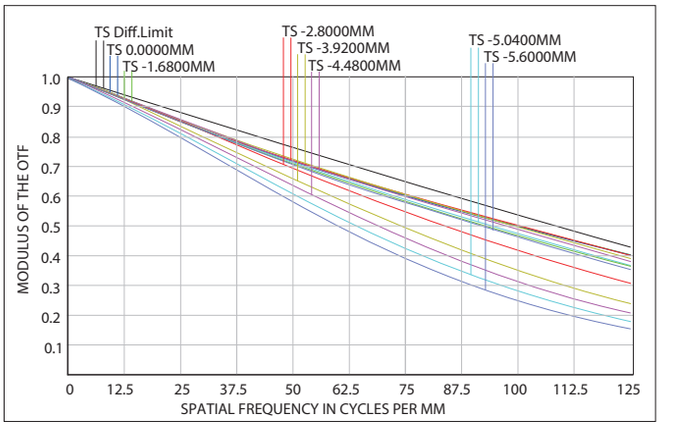
Tool inspection

Alignment of image sensors of cameras

MTF Drawing



0.3X



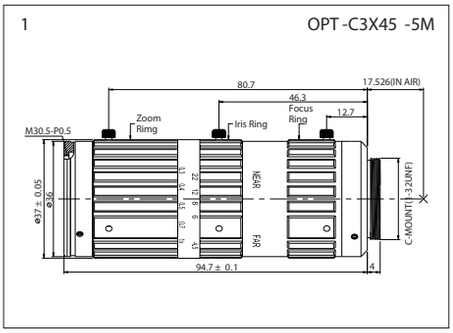
1.0X

Model Table

Model	Magnify [x]	Aperture range	WD [mm]	Filter Thread [mm]	Weight [g]	Matching chip	Distortion		FOV	
OPT -C3X45 -5M	0.3X-1.0X	F4.5~F22	90	M30 .5*P0.5	201	1/2"	0.3x	0.26%	Angle	10.7 ° ~2.72 °
							1.0x	0.25%	Horizontal	8.48°~ 2.18°
									Vertical	6.38°~ 1.64°
						2/3"	0.3x	0.49%	Angle	14.88°~ 3.57°
							1.0x	0.47%	Horizontal	11.8°~ 2.78°
									Vertical	8.74°~ 2.24°

Dimensional Drawings [mm]

1 OPT -C3X45 -5M



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