



LTCM2-110C

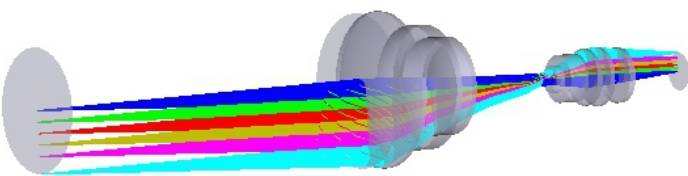
HIGH-RESOLUTION TELECENTRIC LENS

Designed for machine-vision measurement and inspection.

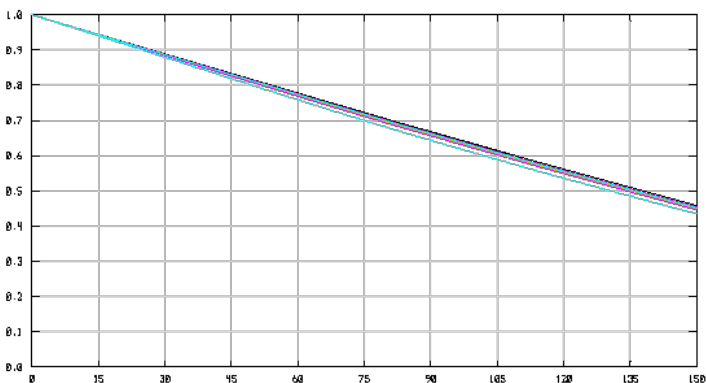
PRODUCT FEATURES

- Object-side telecentric optical design; supports industrial cameras up to 5 MP.
- Fixed magnification preserves image scale as object depth changes.
- Low telecentricity error: less than 0.2 degrees.

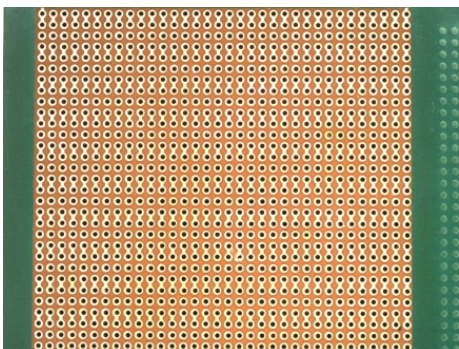
OPTICAL DIAGRAM



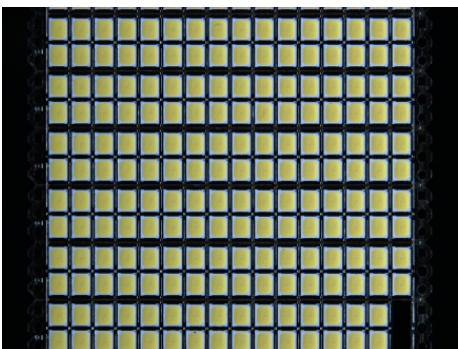
MTF CURVE



APPLICATION SAMPLES



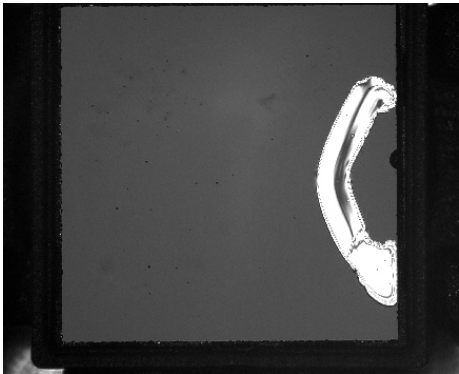
Precision Machined Hole Array



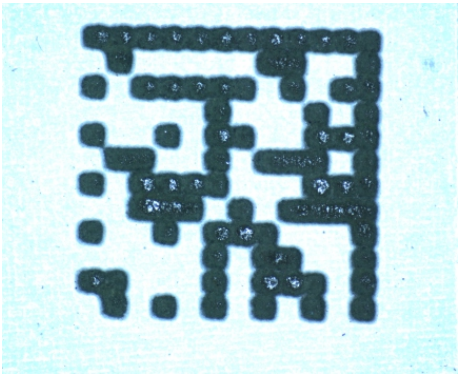
Semiconductor / LED



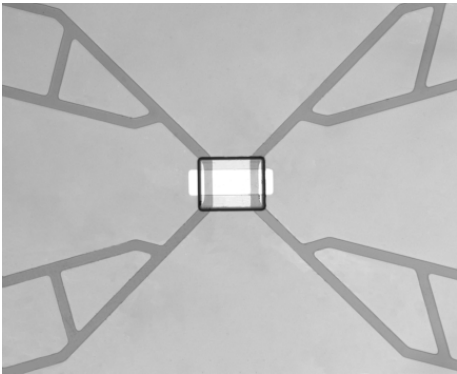
Food Processing Certificate



3C Camera Optical Filter



Packaging QR Code



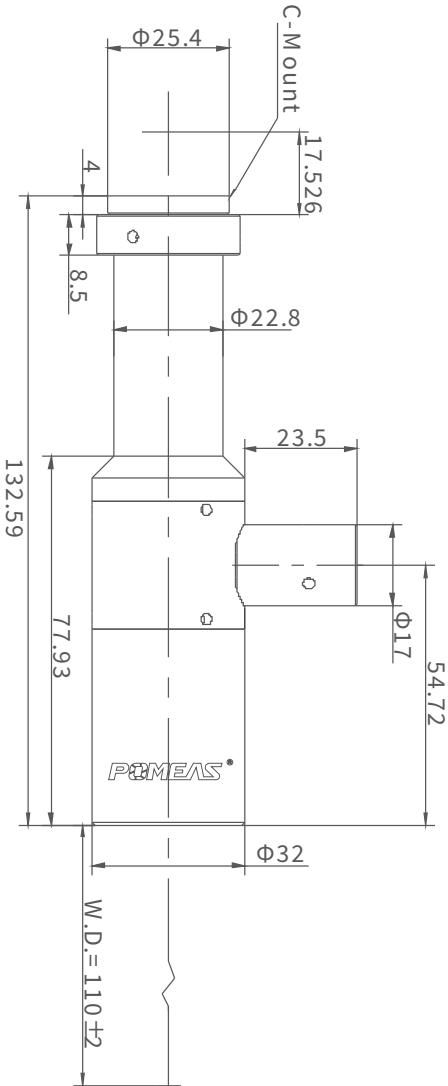
ITO Inspection

LTCM2-110C | SPECIFICATIONS

Model	LTCM2-110C
Magnification	2.0X
Working Distance	110 mm
Resolution	4.53 μ m
Depth of Field*1	0.27 mm
N.A.	0.0074
F Number	13.5
TV Distortion	0.03%
Object Size - 1/3 inch	2.4 mm x 1.8 mm
Object Size - 1/2.5 inch	2.9 mm x 2.2 mm
Object Size - 1/2.3 inch	3.1 mm x 2.3 mm
Object Size - 1/2 inch	3.2 mm x 2.4 mm
Object Size - 1/1.8 inch	3.6 mm x 2.7 mm
Object Size - 2/3 inch	4.4 mm x 3.3 mm
Maximum Sensor Size	2/3 inch
Length	132.6 mm
Diameter / Width	55.5 mm
Illumination	Supported
Mount	C-Mount
Operating Temperature	-10°C to +50°C

*1 Calculated using a permissible circle of confusion diameter of 0.04 mm; best imaging is typically obtained at 1/2 depth of field.

LTCM2-110C | MECHANICAL DIMENSIONS



单位: mm

形号

LTCM2-110C

Unit: mm

Model: LTCM2-110C

Drawing: Mechanical Dimensions

Date: 2012-06-20

POMEAS

