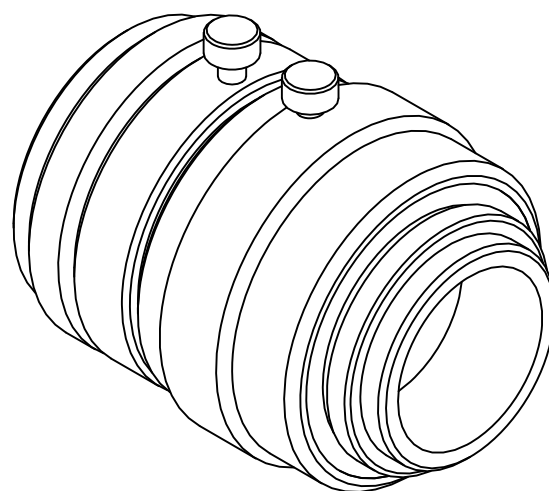


1-32 UN - 2A
FOR C-MOUNT
CAMERA



Lens specification - NMV - 12M23

| Specification | Value | 1/2" | 1/3" |
|----------------------------|---------------------|-----------|-----------|
| Focal length | f = 12mm | | |
| Max. diameter (Ratio) | F = 1:1.4 ~ 16 | | |
| Picture Size | 6.6 x 8.8mm | 4.8 x 6.4 | 4.8 x 3.6 |
| Angle Vertical | 26.2 deg. | 21.4 deg. | 16.1 deg. |
| Horizontal | 38.3deg. | 28.3 deg. | 21.4 deg. |
| Diagonal | 46.8 deg. | 35.0 deg. | 26.6 deg. |
| Distortion (TV) | -0.07% | -0.05% | -0.04% |
| Working Dist. - 500mm | 0.025x | | |
| Optical Mag. 400mm | 0.031x | | |
| 300mm | 0.041x | | |
| 200mm | 0.061x | | |
| 100mm | 0.080x | | |
| Minimum Focus Distance | 0.15m | | |
| Flange Back | 17.526mm in air | | |
| Back focus | 11.7mm in air | | |
| Filter Screw Size | m27.0 X 0.5 | | |
| Effective Diameter - Front | 15.8mm dia. | | |
| Rear | 14.1mm dia. | | |
| Mount | C - Mount | | |
| Exit Pupil | - 215mm | | |
| Temperature Range | -10 ~ +45 deg. C | | |
| Strong Temperature Range | -40 ~ +60 deg. C | | |
| Resolution - Center | 100 Line/mm | | |
| Corner | 100 Line/mm | | |
| Weight | 75g | | |

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES

SCALE: 2:1

WEIGHT: See Table

DR: BE

CH:

PROJECT #: E2338

DATE DR: 7/11/2007

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0.0 inch 1.0

0.0 mm 25.0

DO NOT SCALE DRAWING



LENS, 12mm FL, f/1.4, 2/3" MEGAPIXEL

| | | |
|--------------|--------------------|----------|
| SIZE | NMV - 12M23 | REV |
| B | | A |
| SHEET 1 OF 1 | | |