



## XF-5MDT03X178

### Specification

|                      |                           |
|----------------------|---------------------------|
| Optical structure    | Bi-Telecentric            |
| Magnification        | 0.3                       |
| Object field of view | $\Phi 36.7\text{mm}$      |
| Image field of view  | $\Phi 11\text{mm}$        |
| Working Distance     | $178\text{mm} \pm 3\%$    |
| Telecentricity       | $< 0.15^\circ$            |
| Depth of field       | 9.8mm                     |
| F#                   | F8                        |
| Resolution           | $17.7\mu\text{m}$         |
| MTF                  | $> 0.3 @ 130\text{lp/mm}$ |
| Distortion           | $< 0.043\%$               |
| Detector type:       |                           |

|                         |                             |
|-------------------------|-----------------------------|
| 2/3' $8.45 \times 7.07$ | $28.2 \times 23.6\text{mm}$ |
| 1/2' $6.4 \times 4.8$   | $21.3 \times 16\text{mm}$   |
| 1/3' $4.8 \times 3.6$   | $16 \times 12\text{mm}$     |

|                          |             |                    |                       |   |
|--------------------------|-------------|--------------------|-----------------------|---|
| Undefined tolerance (mm) | degree      | File Name          |                       |   |
| X. X                     | $\pm 0.2$   | $\pm 30\text{min}$ | XF-5MDT03X178-外形尺寸-EN |   |
| X. XX                    | $\pm 0.02$  | Drawing Name       |                       |   |
| X. XXX                   | $\pm 0.005$ | Drawing Size: A3   |                       |   |
|                          | Sign        | Data/Ver.          | Material              | Ratio   |
| Design                   |             |                    |                       | 1:1   |
| Modify1                  |             |                    | Qty                   |   |
| Modify2                  |             |                    | Total:                | Page:   |
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