

computar®

TELECENTRIC  
LENS  
SERIES  
FOR  
MACHINE  
VISION

  
CBC GROUP



# TEC V-SERIES

WD-165mm

TEC-V0345165MPY-WI

**1.1inch**  
**12MEGAPIXEL**  
**0.345x** **NEW**

**SUPER HIGH RESOLUTION  
TELECENTRIC LENS**

► Compatible with 12MP(3.45μm) sensor on 1.1" cameras

► Variable F stop (F5.0~F32.4)

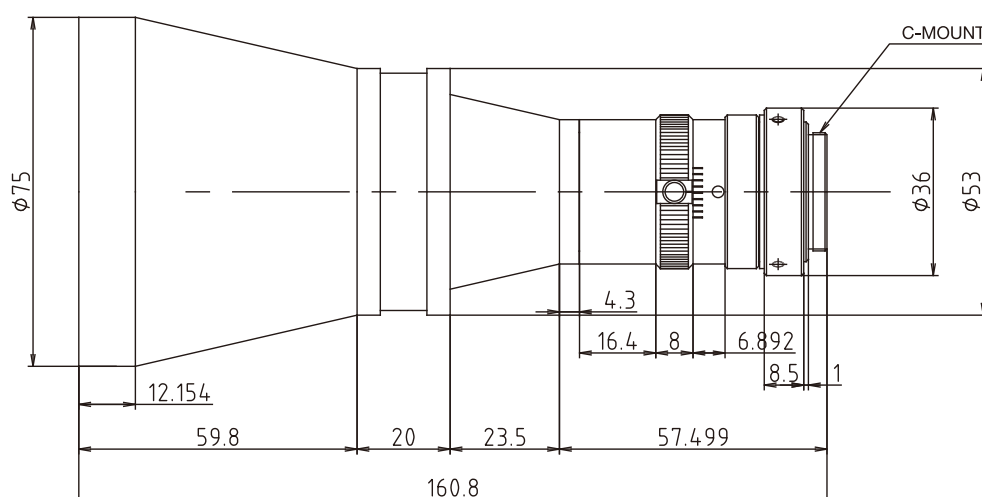


|                    |                    |
|--------------------|--------------------|
| Model              | TEC-V0345165MPY-WI |
| Format             | 1.1" $\phi$ 17.6mm |
| Magnification      | 0.345X             |
| Working Distance   | 165.2mm            |
| Resolving Power *1 | 9.7μm              |
| Depth of Field *2  | 6.63mm             |
| NA                 | 0.035              |
| Effective F number | 5                  |
| TV Distortion      | -0.024             |

|               |           |             |
|---------------|-----------|-------------|
| Field of View | 1.1inch   | 41.1x30.1mm |
|               | 1inch     | 38.3x25.2mm |
|               | 2/3inch   | 25.5x19.1mm |
|               | 1/1.8inch | 20.9x15.4mm |
|               | 1/2inch   | 18.6x13.9mm |
| Mount         |           | C-mount     |
| Filter Size   |           | M72xP0.75mm |
| Weight        |           | 380g        |

\* 1 : Theoretical resolution calculated with a wavelength of 550nm  
\* 2 : Value calculated with a permissible circle of confusion of 40μm

TEC-V0345165MPY-WI



# TELECENTRIC LENS

- ▶ Compatible with 5MP sensors on 1" cameras
- ▶ Versatile four-lens lineup designed for 65mm and 110mm WD (working distance)
- ▶ 0.5x and 1.0x magnification options available
- ▶ Low TV distortion correction up to the furthest corner (0.01 ~ 0.02s%)

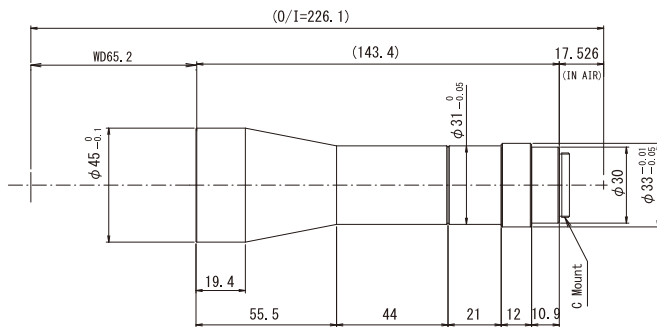
## WD-65mm

### TEC-V0565MPW



|                    |                |
|--------------------|----------------|
| Model              | TEC-V0565MPW   |
| Format             | 1" $\phi$ 16mm |
| Magnification      | 0.5x           |
| Working Distance   | 65.2mm         |
| Resolving Power *1 | 12 $\mu$ m     |
| Depth of Field *2  | 2.88mm         |
| NA                 | 0.027          |
| Effective F number | 9.0            |
| TV Distortion      | -0.014%        |

|               |           |               |
|---------------|-----------|---------------|
| Field of View | 1inch     | 25.6 x 19.2mm |
|               | 2/3inch   | 17.6 x 13.2mm |
|               | 1/1.8inch | 14.4 x 10.8mm |
|               | 1/2inch   | 12.8 x 9.6mm  |
| Mount         | C-mount   |               |
| Weight        | 189g      |               |

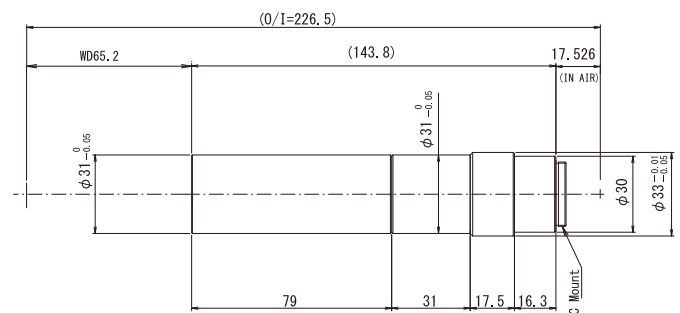


### TEC-V1065MPW



|                    |                |
|--------------------|----------------|
| Model              | TEC-V1065MPW   |
| Format             | 1" $\phi$ 16mm |
| Magnification      | 1x             |
| Working Distance   | 65.2mm         |
| Resolving Power *1 | 6 $\mu$ m      |
| Depth of Field *2  | 0.72mm         |
| NA                 | 0.055          |
| Effective F number | 9.0            |
| TV Distortion      | -0.023%        |

|               |           |              |
|---------------|-----------|--------------|
| Field of View | 1inch     | 12.8 x 9.6mm |
|               | 2/3inch   | 8.8 x 6.6mm  |
|               | 1/1.8inch | 7.2 x 5.4mm  |
|               | 1/2inch   | 6.4 x 4.8mm  |
| Mount         | C-mount   |              |
| Weight        | 158g      |              |



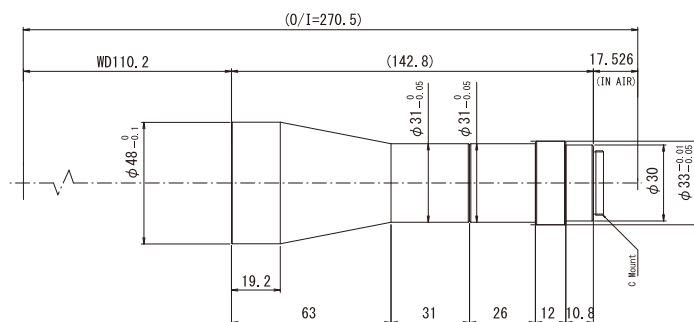
## WD-110mm

### TEC-V05110MPW



|                    |                |
|--------------------|----------------|
| Model              | TEC-V05110MPW  |
| Format             | 1" $\phi$ 16mm |
| Magnification      | 0.5x           |
| Working Distance   | 110.2mm        |
| Resolving Power *1 | 12 $\mu$ m     |
| Depth of Field *2  | 2.88mm         |
| NA                 | 0.027          |
| Effective F number | 9.0            |
| TV Distortion      | 0.012%         |

|               |           |               |
|---------------|-----------|---------------|
| Field of View | 1inch     | 25.6 x 19.2mm |
|               | 2/3inch   | 17.6 x 13.2mm |
|               | 1/1.8inch | 14.4 x 10.8mm |
|               | 1/2inch   | 12.8 x 9.6mm  |
| Mount         | C-mount   |               |
| Weight        | 197g      |               |

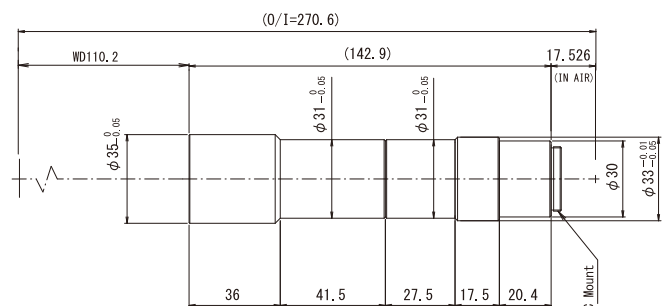


### TEC-V10110MPW



|                    |                |
|--------------------|----------------|
| Model              | TEC-V10110MPW  |
| Format             | 1" $\phi$ 16mm |
| Magnification      | 1x             |
| Working Distance   | 110.2mm        |
| Resolving Power *1 | 6 $\mu$ m      |
| Depth of Field *2  | 0.72mm         |
| NA                 | 0.055          |
| Effective F number | 9.0            |
| TV Distortion      | 0.015%         |

|               |           |              |
|---------------|-----------|--------------|
| Field of View | 1inch     | 12.8 x 9.6mm |
|               | 2/3inch   | 8.8 x 6.6mm  |
|               | 1/1.8inch | 7.2 x 5.4mm  |
|               | 1/2inch   | 6.4 x 4.8mm  |
| Mount         | C-mount   |              |
| Weight        | 159g      |              |



\* 1 : Theoretical resolution calculated with a wavelength of 550nm  
 \* 2 : Value calculated with a permissible circle of confusion of 40 $\mu$ m

# TEC M-SERIES

- ▶ Compatible with 2MP sensors on 2/3" cameras
- ▶ A wide variety of magnification options available  
(65mm WD - 0.5x, 0.8x, 1.0x, 2.0x, 4.0x, 6.0x, 110mm WD - 0.3x, 0.5x, 0.8x, 1.0x, 1.5x, 2.0x, 3.0x, 4.0x, 6.0x)  
which include coaxial models
- ▶ Low TV distortion correction to the furthest corner (0.01 ~ 0.03s%)

## WD-65mm

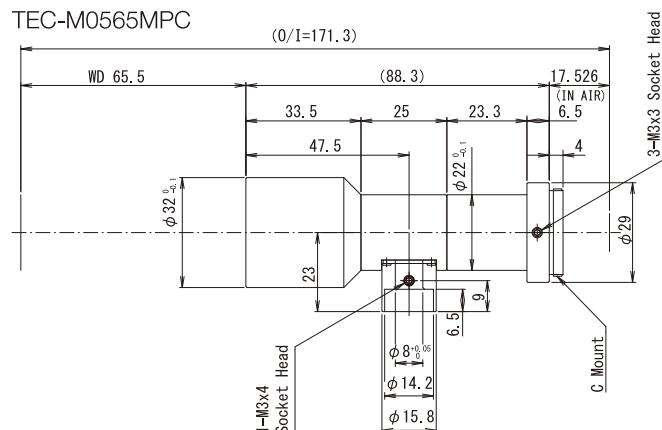
**TEC-M0565MPC / TEC-M0565MP**



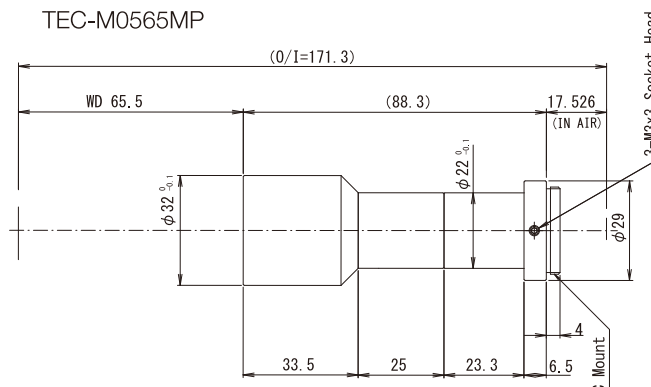
|                           |                  |
|---------------------------|------------------|
| Model (with coaxial type) | TEC-M0565MPC     |
| Model (straight type)     | TEC-M0565MP      |
| Format                    | 2/3" $\phi$ 11mm |
| Magnification             | 0.5x             |
| Working Distance          | 65.5mm           |
| Resolving Power *1        | 12 $\mu$ m       |
| Depth of Field *2         | 2.87mm           |
| NA                        | 0.028            |
| Effective F number        | 9                |
| TV Distortion             | -0.012%          |

|                            |           |                 |
|----------------------------|-----------|-----------------|
| Field of View              | 2/3inch   | 17.6 x 13.2mm   |
|                            | 1/1.8inch | 14.35 x 10.64mm |
|                            | 1/2inch   | 12.8 x 9.6mm    |
|                            | 1/3inch   | 9.6 x 7.2mm     |
| Mount                      |           | C-mount         |
| Weight (with coaxial type) |           | 80g             |
| Weight (straight type)     |           | 77g             |

TEC-M0565MPC



TEC-M0565MP



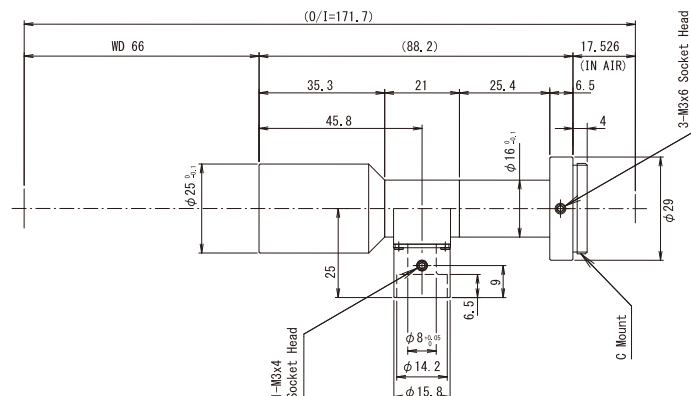
**TEC-M0865MPC / TEC-M0865MP**



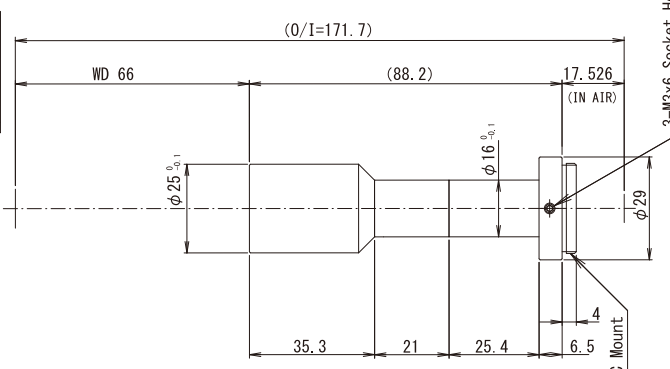
|                           |                  |
|---------------------------|------------------|
| Model (with coaxial type) | TEC-M0865MPC     |
| Model (straight type)     | TEC-M0865MP      |
| Format                    | 2/3" $\phi$ 11mm |
| Magnification             | 0.8x             |
| Working Distance          | 66mm             |
| Resolving Power *1        | 8 $\mu$ m        |
| Depth of Field *2         | 1.18mm           |
| NA                        | 0.042            |
| Effective F number        | 9.4              |
| TV Distortion             | 0.008%           |

|                            |           |               |
|----------------------------|-----------|---------------|
| Field of View              | 2/3inch   | 11 x 8.25mm   |
|                            | 1/1.8inch | 8.97 x 6.65mm |
|                            | 1/2inch   | 8 x 6mm       |
|                            | 1/3inch   | 6 x 4.5mm     |
| Mount                      |           | C-mount       |
| Weight (with coaxial type) |           | 62g           |
| Weight (straight type)     |           | 57g           |

TEC-M0865MPC



TEC-M0865MP



\* 1 :Theoretical resolution calculated with a wavelength of 550nm  
\* 2 :Value calculated with a permissible circle of confusion of 40μm

# TELECENTRIC LENS

## WD-65mm

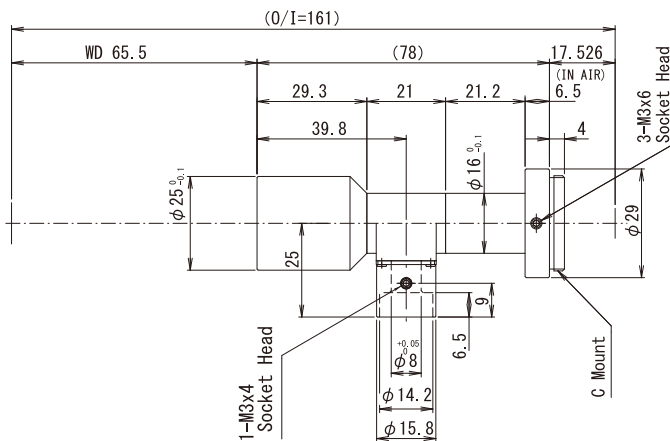
### TEC-M1065MPC / TEC-M1065MP



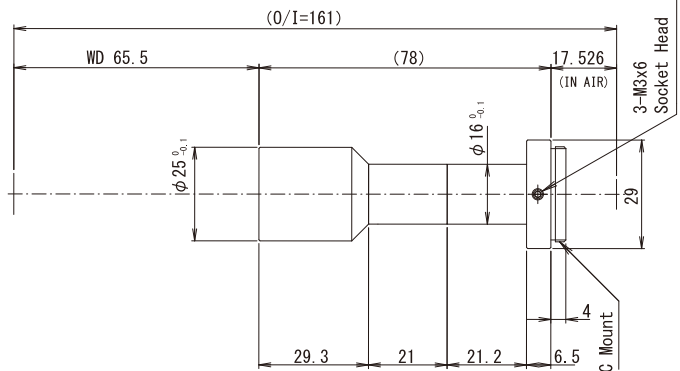
|                           |                  |
|---------------------------|------------------|
| Model (with coaxial type) | TEC-M1065MPC     |
| Model (straight type)     | TEC-M1065MP      |
| Format                    | 2/3" $\phi$ 11mm |
| Magnification             | 1x               |
| Working Distance          | 65.5mm           |
| Resolving Power *1        | 6.7 $\mu$ m      |
| Depth of Field *2         | 0.79mm           |
| NA                        | 0.05             |
| Effective F number        | 9.8              |
| TV Distortion             | -0.022%          |

|                            |           |               |
|----------------------------|-----------|---------------|
| Field of View              | 2/3inch   | 8.8 x 6.6mm   |
|                            | 1/1.8inch | 7.18 x 5.32mm |
|                            | 1/2inch   | 6.4 x 4.8mm   |
|                            | 1/3inch   | 4.8 x 3.6mm   |
| Mount                      |           | C-mount       |
| Weight (with coaxial type) |           | 54g           |
| Weight (straight type)     |           | 49g           |

TEC-M1065MPC



TEC-M1065MP



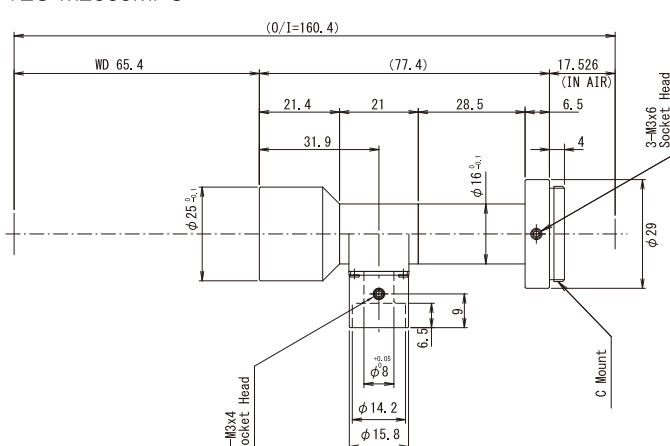
### TEC-M2065MPC / TEC-M2065MP



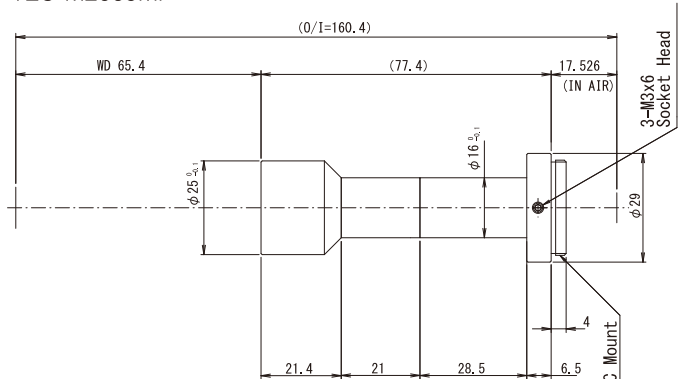
|                           |                  |
|---------------------------|------------------|
| Model (with coaxial type) | TEC-M2065MPC     |
| Model (straight type)     | TEC-M2065MP      |
| Format                    | 2/3" $\phi$ 11mm |
| Magnification             | 2x               |
| Working Distance          | 65.4mm           |
| Resolving Power *1        | 4.4 $\mu$ m      |
| Depth of Field *2         | 0.26mm           |
| NA                        | 0.076            |
| Effective F number        | 12.8             |
| TV Distortion             | 0.020%           |

|                            |           |               |
|----------------------------|-----------|---------------|
| Field of View              | 2/3inch   | 4.4 x 3.3mm   |
|                            | 1/1.8inch | 3.59 x 2.66mm |
|                            | 1/2inch   | 3.2 x 2.4mm   |
|                            | 1/3inch   | 2.4 x 1.8mm   |
| Mount                      |           | C-mount       |
| Weight (with coaxial type) |           | 55g           |
| Weight (straight type)     |           | 49g           |

TEC-M2065MPC



TEC-M2065MP



\* 1 : Theoretical resolution calculated with a wavelength of 550nm  
 \* 2 : Value calculated with a permissible circle of confusion of 40 $\mu$ m



# TEC M-SERIES

WD-65mm

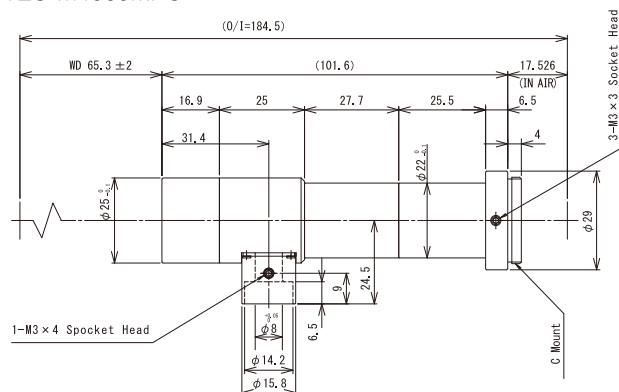
## TEC-M4065MPC / TEC-M4065MP **NEW**



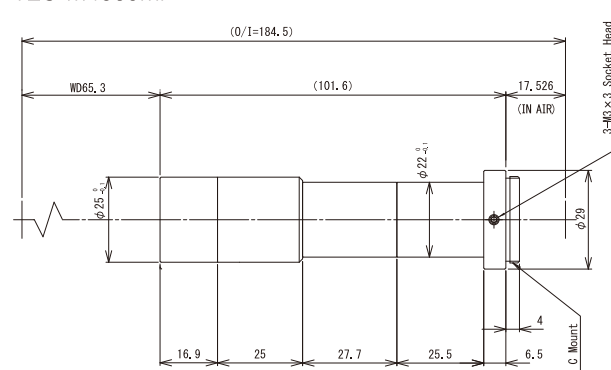
|                           |                    |
|---------------------------|--------------------|
| Model (with coaxial type) | TEC-M4065MPC       |
| Model (straight type)     | TEC-M4065MP        |
| Format                    | 2/3" $\phi$ 12.8mm |
| Magnification             | 4.0x               |
| Working Distance          | 65.3mm             |
| Resolving Power *1        | 2.9 $\mu$ m        |
| Depth of Field *2         | 0.08mm             |
| NA                        | 0.118              |
| Effective F number        | 16.9               |
| TV Distortion             | -0.003%            |

|                            |           |               |
|----------------------------|-----------|---------------|
| Field of View              | 2/3inch   | 2.2 x 1.65mm  |
|                            | 1/1.8inch | 1.79 x 1.33mm |
|                            | 1/2inch   | 1.6 x 1.2mm   |
|                            | 1/3inch   | 1.2 x 0.9mm   |
| Mount                      | C-mount   |               |
| Weight (with coaxial type) | 85g       |               |
| Weight (straight type)     | 83g       |               |

TEC-M4065MPC



TEC-M4065MP



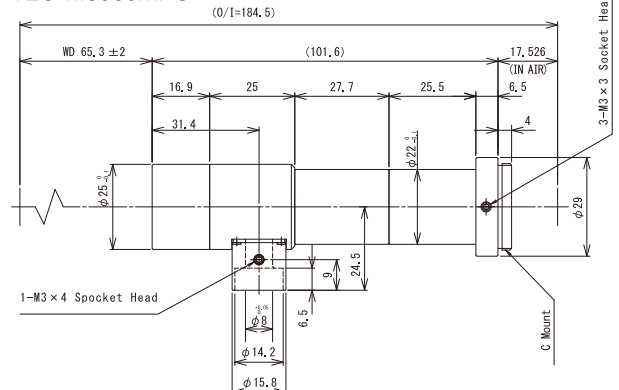
## TEC-M6065MPC / TEC-M6065MP **NEW**



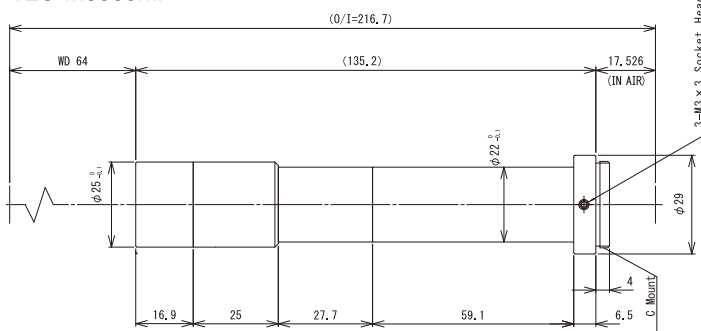
|                           |                    |
|---------------------------|--------------------|
| Model (with coaxial type) | TEC-M6065MPC       |
| Model (straight type)     | TEC-M6065MP        |
| Format                    | 2/3" $\phi$ 12.8mm |
| Magnification             | 6.0x               |
| Working Distance          | 64.0mm             |
| Resolving Power *1        | 2.9 $\mu$ m        |
| Depth of Field *2         | 0.06mm             |
| NA                        | 0.118              |
| Effective F number        | 25.5               |
| TV Distortion             | -0.026%            |

|                            |           |              |
|----------------------------|-----------|--------------|
| Field of View              | 2/3inch   | 1.47 x 1.1mm |
|                            | 1/1.8inch | 1.2 x 0.89mm |
|                            | 1/2inch   | 1.07 x 0.8mm |
|                            | 1/3inch   | 0.8 x 0.6mm  |
| Mount                      | C-mount   |              |
| Weight (with coaxial type) | 100g      |              |
| Weight (straight type)     | 98g       |              |

TEC-M6065MPC



TEC-M6065MP



\* 1 : Theoretical resolution calculated with a wavelength of 550nm  
 \* 2 : Value calculated with a permissible circle of confusion of 40 $\mu$ m

# TELECENTRIC LENS

WD-110mm

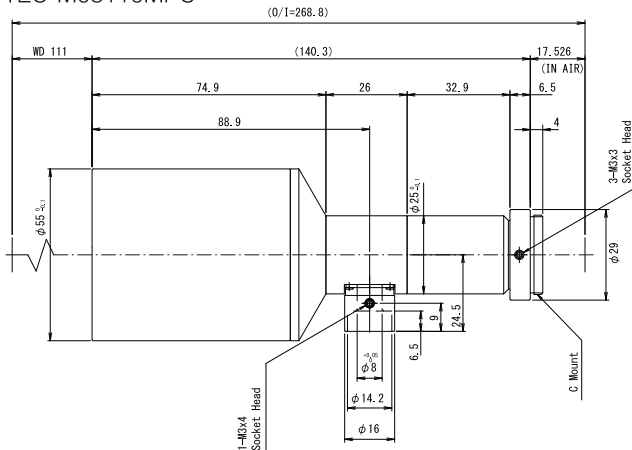
## TEC-M03110MPC / TEC-M03110MP



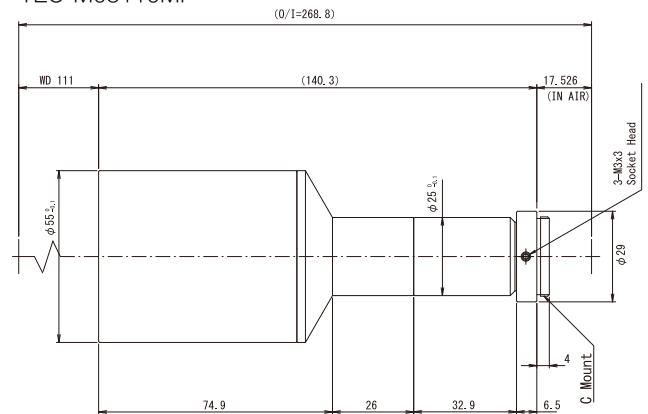
|                           |               |
|---------------------------|---------------|
| Model (with coaxial type) | TEC-M03110MPC |
| Model (straight type)     | TEC-M03110MP  |
| Format                    | 2/3"φ11mm     |
| Magnification             | 0.3x          |
| Working Distance          | 111mm         |
| Resolving Power *1        | 14.5μm        |
| Depth of Field *2         | 5.75mm        |
| NA                        | 0.023         |
| Effective F number        | 6.5           |
| TV Distortion             | 0.026%        |

|                            |           |               |
|----------------------------|-----------|---------------|
| Field of View              | 2/3inch   | 29.3 x 22mm   |
|                            | 1/1.8inch | 23.9 x 17.7mm |
|                            | 1/2inch   | 21.3 x 16mm   |
|                            | 1/3inch   | 16 x 12mm     |
| Mount                      | C-mount   |               |
| Weight (with coaxial type) | 166g      |               |
| Weight (straight type)     | 160g      |               |

TEC-M03110MPC



TEC-M03110MP



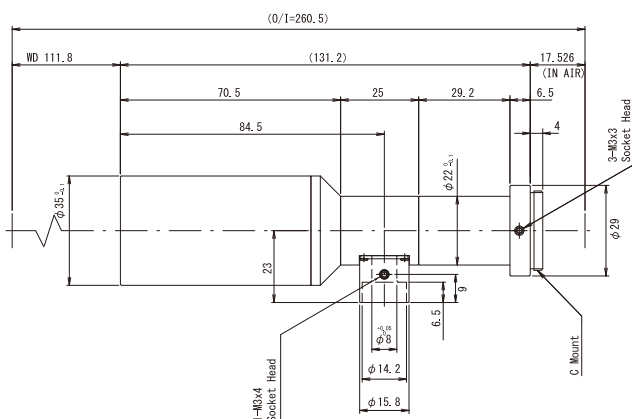
## TEC-M05110MPC / TEC-M05110MP



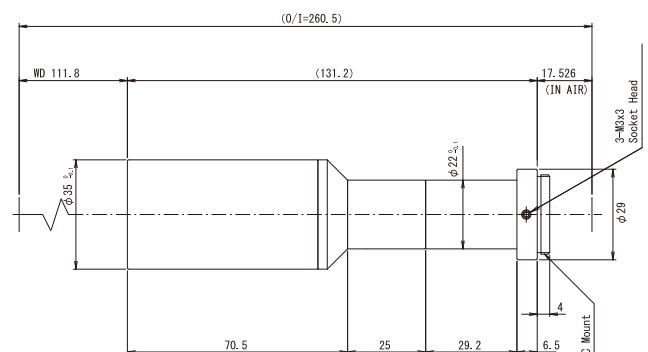
|                           |               |
|---------------------------|---------------|
| Model (with coaxial type) | TEC-M05110MPC |
| Model (straight type)     | TEC-M05110MP  |
| Format                    | 2/3" φ 11mm   |
| Magnification             | 0.5x          |
| Working Distance          | 111.8mm       |
| Resolving Power *1        | 12.7μm        |
| Depth of Field *2         | 3.03mm        |
| NA                        | 0.026         |
| Effective F number        | 9.4           |
| TV Distortion             | -0.009%       |

|                            |           |                 |
|----------------------------|-----------|-----------------|
| Field of View              | 2/3inch   | 17.6 x 13.2mm   |
|                            | 1/1.8inch | 14.35 x 10.64mm |
|                            | 1/2inch   | 12.8 x 9.6mm    |
|                            | 1/3inch   | 9.6 x 7.2mm     |
| Mount                      | C-mount   |                 |
| Weight (with coaxial type) | 131g      |                 |
| Weight (straight type)     | 128g      |                 |

TEC-M05110MPC



TEC-M05110MP



\* 1 : Theoretical resolution calculated with a wavelength of 550nm  
 \* 2 : Value calculated with a permissible circle of confusion of 40μm

# TEC M-SERIES

WD-110mm

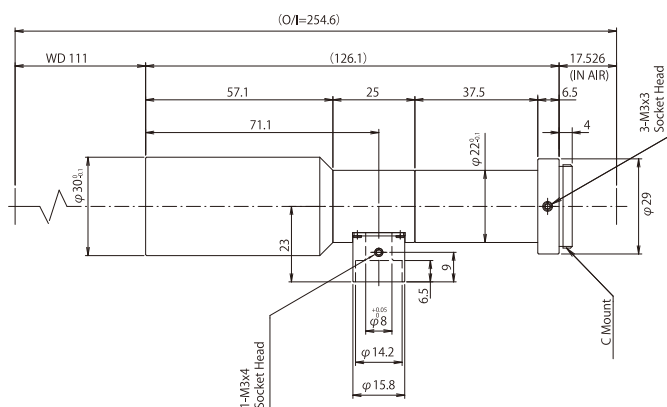
## TEC-M08110MPC / TEC-M08110MP



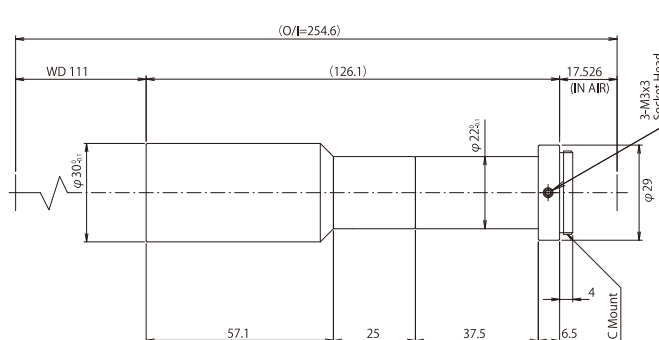
|                           |               |
|---------------------------|---------------|
| Model (with coaxial type) | TEC-M08110MPC |
| Model (straight type)     | TEC-M08110MP  |
| Format                    | 2/3"φ11mm     |
| Magnification             | 0.8x          |
| Working Distance          | 111mm         |
| Resolving Power *1        | 8.8um         |
| Depth of Field *2         | 1.31mm        |
| NA                        | 0.038         |
| Effective F number        | 10.2          |
| TV Distortion             | -0.027%       |

|                            |           |               |
|----------------------------|-----------|---------------|
| Field of View              | 2/3inch   | 11 x 8.25mm   |
|                            | 1/1.8inch | 8.97 x 6.65mm |
|                            | 1/2inch   | 8 x 6mm       |
|                            | 1/3inch   | 6 x 4.5mm     |
| Mount                      | C-mount   |               |
| Weight (with coaxial type) | 106g      |               |
| Weight (straight type)     | 103g      |               |

TEC-M08110MPC



TEC-M08110MP



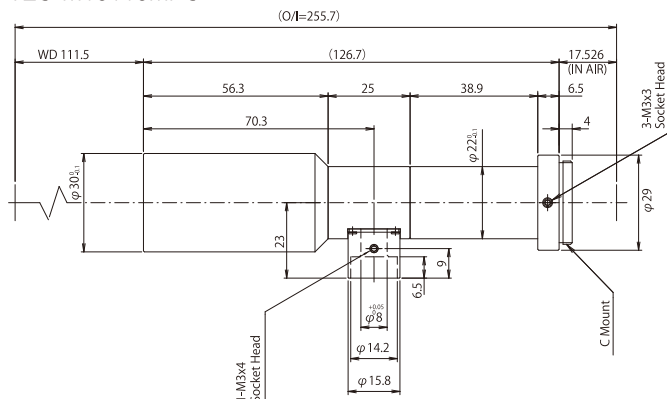
## TEC-M10110MPC / TEC-M10110MP



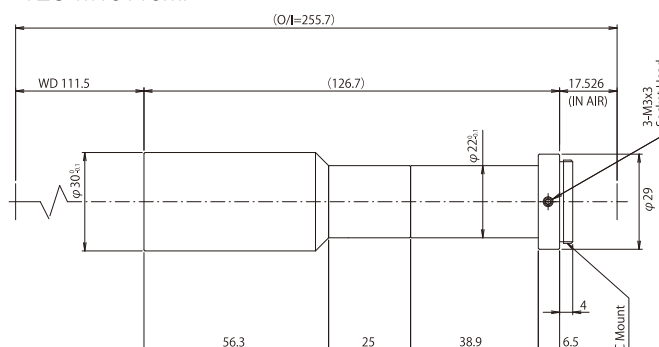
|                           |               |
|---------------------------|---------------|
| Model (with coaxial type) | TEC-M10110MPC |
| Model (straight type)     | TEC-M10110MP  |
| Format                    | 2/3"φ11mm     |
| Magnification             | 1x            |
| Working Distance          | 111.5mm       |
| Resolving Power *1        | 6.9um         |
| Depth of Field *2         | 0.82mm        |
| NA                        | 0.049         |
| Effective F number        | 10.1          |
| TV Distortion             | -0.003%       |

|                            |           |               |
|----------------------------|-----------|---------------|
| Field of View              | 2/3inch   | 8.8 x 6.6mm   |
|                            | 1/1.8inch | 7.18 x 5.32mm |
|                            | 1/2inch   | 6.4 x 4.8mm   |
|                            | 1/3inch   | 4.8 x 3.6mm   |
| Mount                      | C-mount   |               |
| Weight (with coaxial type) | 108g      |               |
| Weight (straight type)     | 105g      |               |

TEC-M10110MPC



TEC-M10110MP



\* 1 :Theoretical resolution calculated with a wavelength of 550nm  
 \* 2 :Value calculated with a permissible circle of confusion of 40um



## WD-110mm

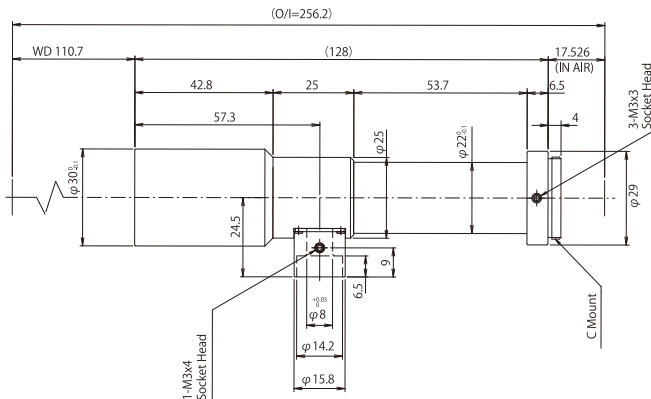
### TEC-M15110MPC / TEC-M15110MP



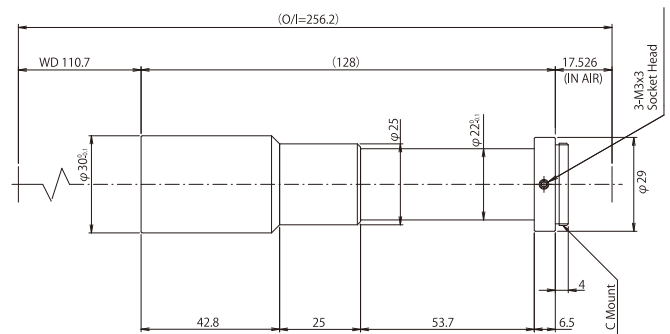
|                           |                  |
|---------------------------|------------------|
| Model (with coaxial type) | TEC-M15110MPC    |
| Model (straight type)     | TEC-M15110MP     |
| Format                    | 2/3" $\phi$ 11mm |
| Magnification             | 1.5x             |
| Working Distance          | 110.7mm          |
| Resolving Power *1        | 5.2 $\mu$ m      |
| Depth of Field *2         | 0.42mm           |
| NA                        | 0.064            |
| Effective F number        | 11.5             |
| TV Distortion             | 0.031%           |

|                            |           |               |
|----------------------------|-----------|---------------|
| Field of View              | 2/3inch   | 5.87 x 4.4mm  |
|                            | 1/1.8inch | 4.79 x 3.55mm |
|                            | 1/2inch   | 4.27 x 3.2mm  |
|                            | 1/3inch   | 3.2 x 2.4mm   |
| Mount                      | C-mount   |               |
| Weight (with coaxial type) | 110g      |               |
| Weight (straight type)     | 108g      |               |

TEC-M15110MPC



TEC-M15110MP



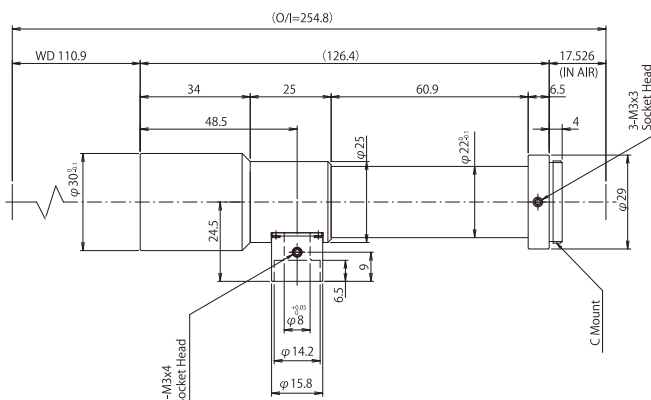
### TEC-M20110MPC / TEC-M20110MP



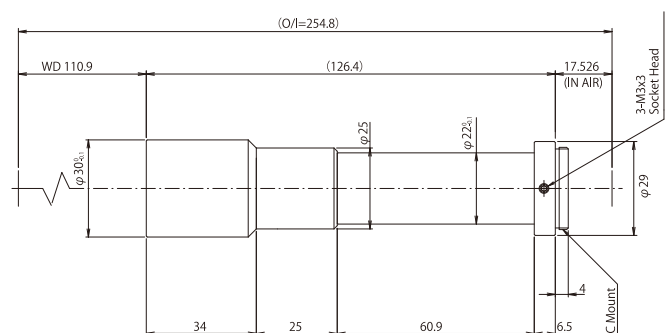
|                           |                  |
|---------------------------|------------------|
| Model (with coaxial type) | TEC-M20110MPC    |
| Model (straight type)     | TEC-M20110MP     |
| Format                    | 2/3" $\phi$ 11mm |
| Magnification             | 2x               |
| Working Distance          | 110.9mm          |
| Resolving Power *1        | 4.5 $\mu$ m      |
| Depth of Field *2         | 0.27mm           |
| NA                        | 0.075            |
| Effective F number        | 13               |
| TV Distortion             | -0.019%          |

|                            |           |               |
|----------------------------|-----------|---------------|
| Field of View              | 2/3inch   | 4.4 x 3.3mm   |
|                            | 1/1.8inch | 3.59 x 2.66mm |
|                            | 1/2inch   | 3.2 x 2.4mm   |
|                            | 1/3inch   | 2.4 x 1.8mm   |
| Mount                      | C-mount   |               |
| Weight (with coaxial type) | 115g      |               |
| Weight (straight type)     | 113g      |               |

TEC-M20110MPC



TEC-M20110MP



\* 1 : Theoretical resolution calculated with a wavelength of 550nm  
 \* 2 : Value calculated with a permissible circle of confusion of 40 $\mu$ m

# TEC M-SERIES

## WD-110mm

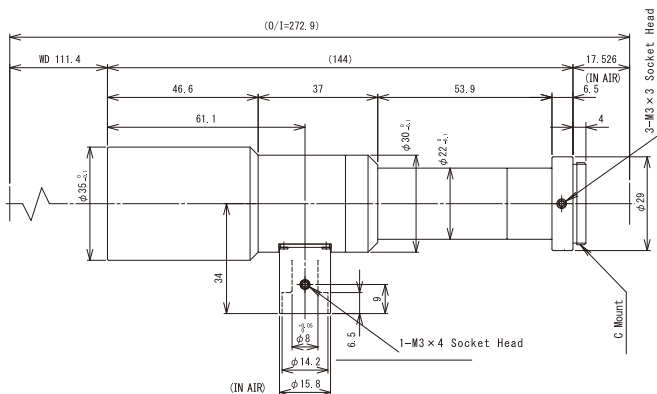
### TEC-M30110MPC / TEC-M30110MP **NEW**



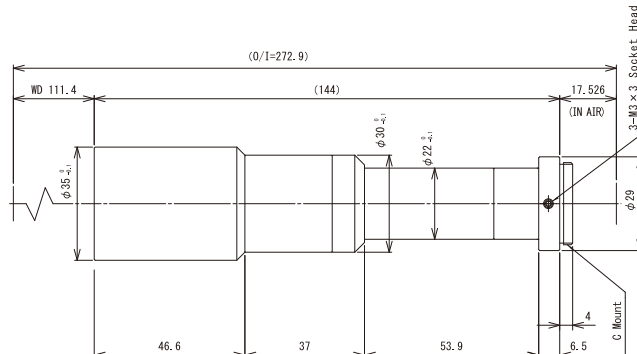
|                           |                    |
|---------------------------|--------------------|
| Model (with coaxial type) | TEC-M30110MPC      |
| Model (straight type)     | TEC-M30110MP       |
| Format                    | 2/3" $\phi$ 12.8mm |
| Magnification             | 3.0x               |
| Working Distance          | 111.4mm            |
| Resolving Power *1        | 3.6 $\mu$ m        |
| Depth of Field *2         | 0.14mm             |
| NA                        | 0.094              |
| Effective F number        | 16                 |
| TV Distortion             | -0.012%            |

|                            |           |               |
|----------------------------|-----------|---------------|
| Field of View              | 2/3inch   | 2.93 x 2.2mm  |
|                            | 1/1.8inch | 2.39 x 1.77mm |
|                            | 1/2inch   | 2.13 x 1.6mm  |
|                            | 1/3inch   | 1.6 x 1.2mm   |
| Mount                      | C-mount   |               |
| Weight (with coaxial type) | 166g      |               |
| Weight (straight type)     | 160g      |               |

TEC-M30110MPC



TEC-M30110MP



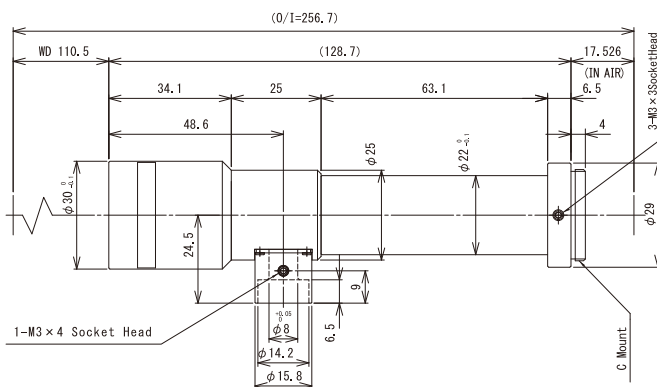
### TEC-M40110MPC / TEC-M40110MP **NEW**



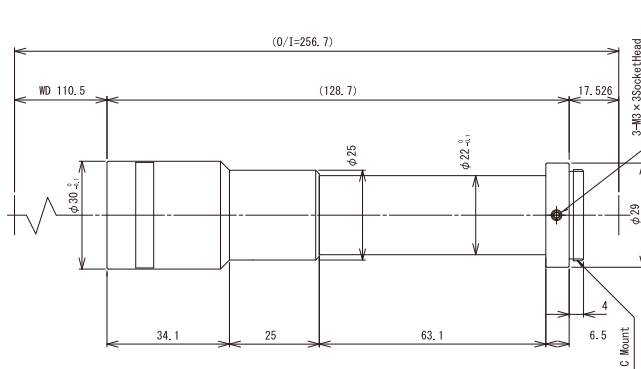
|                           |                  |
|---------------------------|------------------|
| Model (with coaxial type) | TEC-M40110MPC    |
| Model (straight type)     | TEC-M40110MP     |
| Format                    | 2/3" $\phi$ 11mm |
| Magnification             | 4.0x             |
| Working Distance          | 110.5mm          |
| Resolving Power *1        | 3.7 $\mu$ m      |
| Depth of Field *2         | 0.11mm           |
| NA                        | 0.091            |
| Effective F number        | 21.9             |
| TV Distortion             | -0.004%          |

|                            |           |               |
|----------------------------|-----------|---------------|
| Field of View              | 2/3inch   | 2.2 x 1.65mm  |
|                            | 1/1.8inch | 1.79 x 1.33mm |
|                            | 1/2inch   | 1.6 x 1.2mm   |
|                            | 1/3inch   | 1.2 x 0.9mm   |
| Mount                      | C-mount   |               |
| Weight (with coaxial type) | 121g      |               |
| Weight (straight type)     | 120g      |               |

TEC-M40110MPC



TEC-M40110MP



\* 1 : Theoretical resolution calculated with a wavelength of 550nm  
 \* 2 : Value calculated with a permissible circle of confusion of 40 $\mu$ m

# TELECENTRIC LENS

## WD-110mm

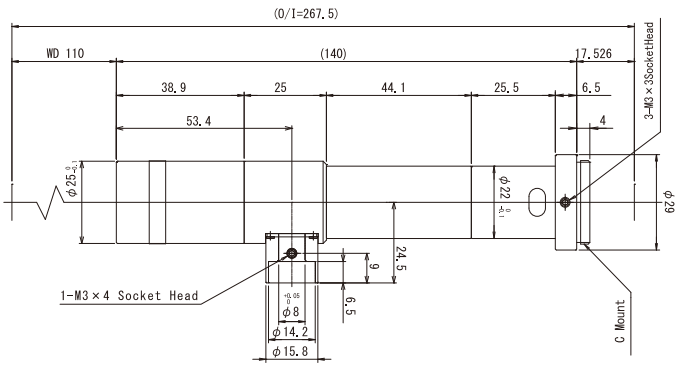
TEC-M60110MPC / TEC-M60110MP **NEW**

|                           |                    |
|---------------------------|--------------------|
| Model (with coaxial type) | TEC-M30110MPC      |
| Model (straight type)     | TEC-M30110MP       |
| Format                    | 2/3" $\phi$ 12.8mm |
| Magnification             | 6.0x               |
| Working Distance          | 110mm              |
| Resolving Power *1        | 4.4 $\mu$ m        |
| Depth of Field *2         | 0.09mm             |
| NA                        | 0.076              |
| Effective F number        | 39.6               |
| TV Distortion             | -0.015%            |

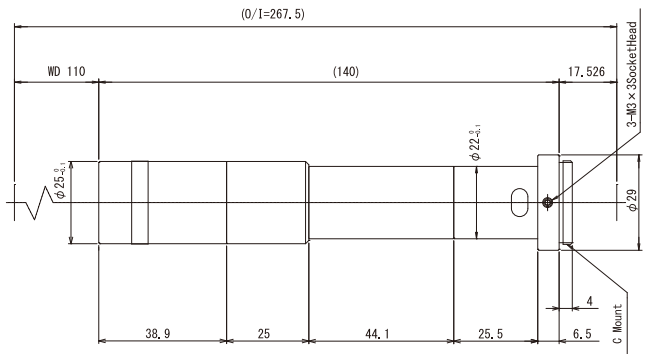
|                            |           |             |
|----------------------------|-----------|-------------|
| Field of View              | 2/3inch   | 1.5 x 1.1mm |
|                            | 1/1.8inch | 1.2 x 0.9mm |
|                            | 1/2inch   | 1.1 x 0.8mm |
|                            | 1/3inch   | 0.8 x 0.6mm |
| Mount                      |           | C-mount     |
| Weight (with coaxial type) |           | 103g        |
| Weight (straight type)     |           | 101g        |

\* 1 :Theoretical resolution calculated with a wavelength of 550nm  
\* 2 :Value calculated with a permissible circle of confusion of 40μm

TEC-M60110MPC



TEC-M60110MP



\* 1 :Theoretical resolution calculated with a wavelength of 550nm  
\* 2 :Value calculated with a permissible circle of confusion of 40μm

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