

# TEC-V05110MPW

**Magnification 0.5X, WD110mm**

**for 1 inch type Cameras, 5 Megapixel Telecentric Lens**

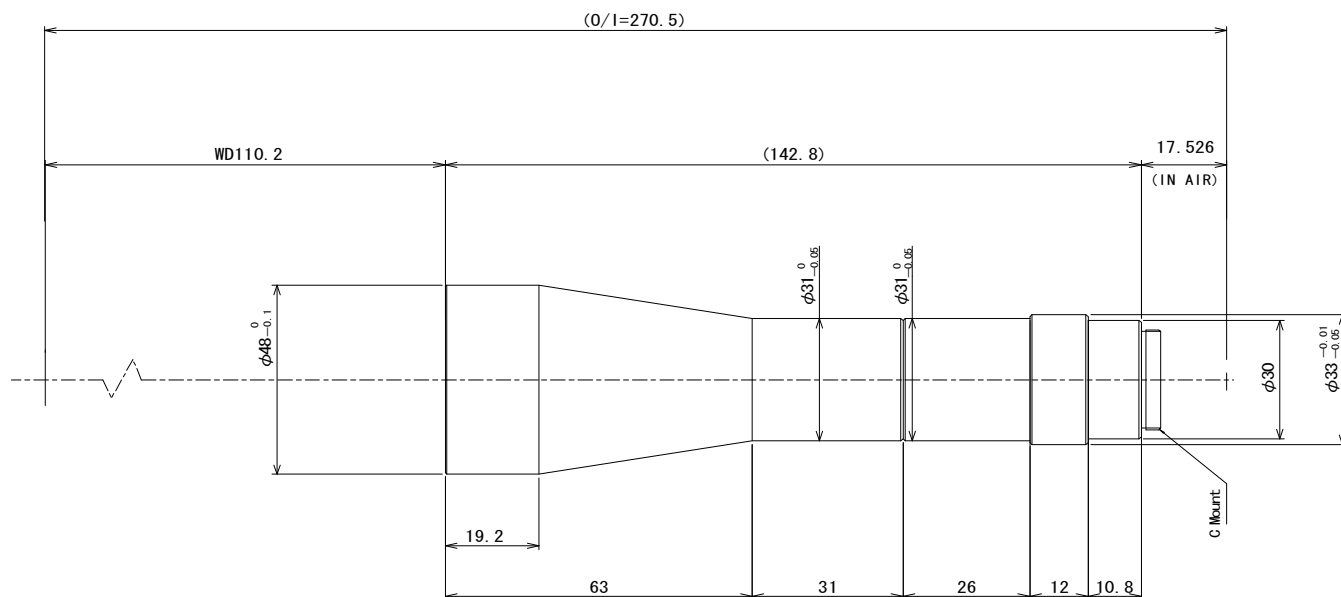
**C-Mount, Straight type**

|                    |                          |                       |                  |
|--------------------|--------------------------|-----------------------|------------------|
| Model No.          | TEC-V05110MPW            | NA                    | 0.027            |
| Magnification      | 0.5X                     | TV Distortion         | 1 type 0.012%    |
| Working Distance   | 110.2mm                  | Back Focal Length     | 17.0mm           |
| Effective F Number | 9.0                      | Flange Back Length    | 17.526mm         |
| Max. Image Format  | φ 16mm                   | Mount                 | C-Mount          |
| Control            | Iris                     | Filter Size           | —                |
|                    | Focus                    |                       |                  |
| Field of View      | 25.6mm(H) x 19.2mm(V) 1" | Dimensions            | φ 48mm x 142.8mm |
| Resolving Power *1 | 12.0μm                   | Weight                | 197g             |
| Depth of Field *2  | 2.88mm                   | Operating Temperature | -10°C - +50°C    |

\*1:Theoretical resolution calculated with a wavelength of 550nm

\*2:Value calculated with a permissible circle of confusion of 40 μm

## Dimensions



## Field of View at Sensor Size

| Format | Field of View(HxV) |
|--------|--------------------|
| 1"     | 25.6 x 19.2mm      |
| 2/3"   | 17.6 x 13.2mm      |
| 1/1.8" | 14.4 x 10.8mm      |
| 1/2"   | 12.8 x 9.6mm       |