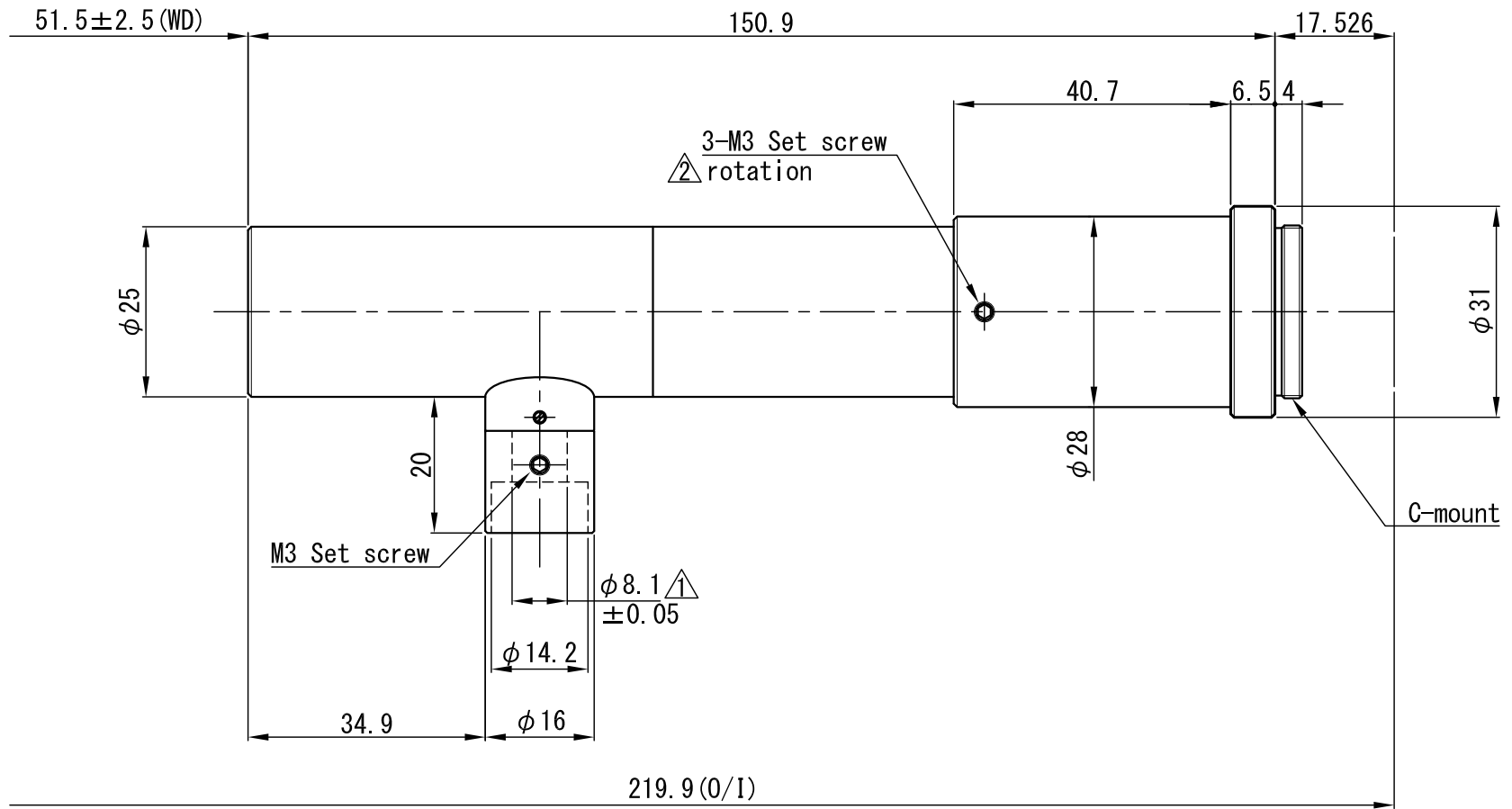


Large Format Telecentric Lens

|                                |      |                                 |   |     |    |
|--------------------------------|------|---------------------------------|---|-----|----|
| Model                          |      | VS-TCM5-50CO                    |   |     |    |
| Optical Mag.                   |      | × 5.0 ± 5 %                     |   |     |    |
| FOV (V x H)                    | 1"   | 2.3                             | × | 2.3 | mm |
|                                | 2/3" | 1.4                             | × | 1.7 | mm |
|                                | 1/2" | 1.0                             | × | 1.3 | mm |
| WD                             |      | 51.5 mm ± 2.5                   |   |     |    |
| O/I (Object & Imager Distance) |      | 219.9 mm                        |   |     |    |
| Working F/#                    |      | 25.0                            |   |     |    |
| NA                             |      | 0.100                           |   |     |    |
| DOF at PCoC $\phi$ 0.04mm      |      | 0.08 mm                         |   |     |    |
| TV Distortion (1")             |      | 0.03 %                          |   |     |    |
| Relative Illuminance (Y=11)    |      | 90 %                            |   |     |    |
| Wavelength                     |      | Visible                         |   |     |    |
| Mount                          |      | C-Mount                         |   |     |    |
| Flange Back                    |      | 17.526 mm                       |   |     |    |
| Image Circle                   |      | $\phi$ 22 mm                    |   |     |    |
| Co-Axial Prism                 |      | Built-in                        |   |     |    |
| Weight (approx.)               |      | 148 g                           |   |     |    |
| Dimension                      |      | $\phi$ 31 (max.) × L = 150.9 mm |   |     |    |



|        |                         |          |       |          |         |                        |                      |                 |           |                               |          |
|--------|-------------------------|----------|-------|----------|---------|------------------------|----------------------|-----------------|-----------|-------------------------------|----------|
| △×     |                         |          |       | APPROVED | CHECKED | MATERIAL 材料            | -                    | CHAMFER 一般面取    | -         | QUANTITY 個数                   |          |
| △×     |                         |          |       | T. A.    | T. A.   | TREATMENT 処理           | -                    | FINISHING 仕上    | -         | -                             |          |
| △×     |                         |          |       |          |         | TREATMENT CONTACT 処理接点 | -                    | DECENTRATION 偏芯 | -         |                               |          |
| △×     |                         |          |       | DESIGNED | DRAWN   | OVER 250 UP TO 1000    | ±0.3 ±0.5 ±1.0 ±0.2  | ANGLE 角度        | METHOD 図法 | REMARK 適用 (機種名)               |          |
| △× 1   | rotation表記追加            | 19.03.03 | T. F. | T. T.    | S. K.   | OVER 63 UP TO 250      | ±0.2 ±0.3 ±0.6 ±0.15 | UNIT (mm)       | -         | VS-TCM5-50C0<br>DRAWING / 外觀図 |          |
| △× 1   | φ8(+0.02/0)→φ8.1(±0.05) | 18.08.29 | S. U. |          |         | OVER 16 UP TO 63       | ±0.1 ±0.2 ±0.4 ±0.1  | SCALE           | 1 / 1     |                               | NAME     |
| NO.×箇所 | REVISION 訂正事項           | DATE     | NAME  |          |         | OVER 0 UP TO 16        | ±0.05 ±0.1 ±0.2 ±0.1 | DATE            | 11.05.13  |                               | DRAW NO. |
|        |                         |          |       |          |         | TOLERANCES             | A B C S              | 01DTC0159A3     |           |                               |          |