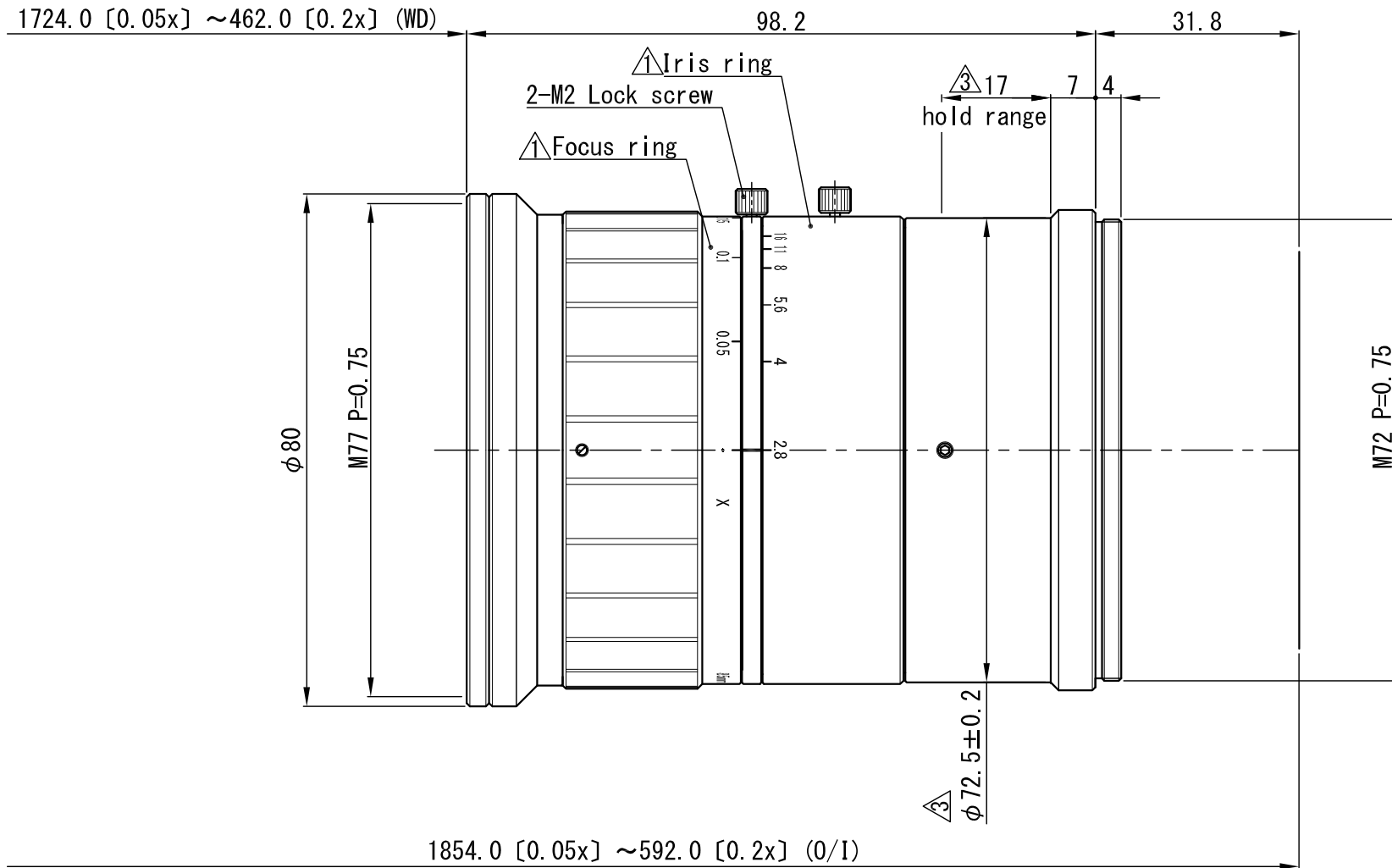


Line Scan Macro Lens

|                                 |  |              |               |              |
|---------------------------------|--|--------------|---------------|--------------|
| Model                           | <b>VS-L8528LM/M72</b>                  |              |               |              |
| Focal Length (f)                | 85 mm (84.99)                          |              |               |              |
| Optical Mag. Range              | $(\infty) \times 0.05 \sim \times 0.2$ |              |               |              |
| Optical Mag.                    | $\times 0.05$                          | $\times 0.1$ | $\times 0.15$ | $\times 0.2$ |
| WD                              | 1724.0 mm                              | 898.0 mm     | 619.0 mm      | 462.0 mm     |
| O/I (Object & Imager Distance)  | 1854.0 mm                              | 1008.4 mm    | 729.4 mm      | 592.0 mm     |
| Aperture                        | F 2.8 ~ 16                             |              |               |              |
| Working F/# *Value at Iris Open | 2.9                                    | 3.1          | 3.2           | 3.4          |
| DOF at PCoC $\phi$ 0.04mm       | 92.8 mm                                | 24.8 mm      | 11.4 mm       | 6.8 mm       |
| Optical Distortion (Y=31)       | 0.02 %                                 |              |               |              |
| Operation                       | Manual (Lock Screw M2)                 |              |               |              |
| Wavelength                      | Visible                                |              |               |              |
| Mount                           | M 72 P= 0.75                           |              |               |              |
| Flange Back                     | 31.8 mm                                |              |               |              |
| Image Circle                    | $\phi$ 62 mm                           |              |               |              |
| Filter Thread                   | M 77 P= 0.75                           |              |               |              |
| Weight (approx.)                | 540 g                                  |              |               |              |
| Dimension                       | $\phi$ 80 (max.) $\times$ L = 98.2 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 | -    |             |           |          |           |                 |
| △ × 2    | ホルト 範囲・外形寸法追加 | 20.10.22 | R. H. | DESIGNED | DRAWN   | OVER 250 UP TO 1000    | ±0.3  | ±0.5            | ±1.0 | ±0.2        | UNIT (mm) | ANGLE 角度 | METHOD 図法 | REMARK 適用 (機種名) |
| △ × 1    | 誤記修正          | 20.08.18 | T. F. |          |         | OVER 63 UP TO 250      | ±0.2  | ±0.3            | ±0.6 | ±0.15       |           |          |           |                 |
| △ × 2    | 操作リング表記追加     | 19.01.15 | T. F. |          |         | OVER 16 UP TO 63       | ±0.1  | ±0.2            | ±0.4 | ±0.1        |           |          |           |                 |
| NO. × 箇所 | REVISION 訂正事項 | DATE     | NAME  |          |         | OVER 0 UP TO 16        | ±0.05 | ±0.1            | ±0.2 | ±0.1        |           |          |           |                 |
|          |               |          |       |          |         | TOLERANCES             | A     | B               | C    | S           | SCALE     | 1 / 1    | NAME      | DRAWING / 外觀図   |
|          |               |          |       |          |         |                        |       |                 |      |             | DATE      | 13.10.24 | DRAW NO.  | 01010483A4      |