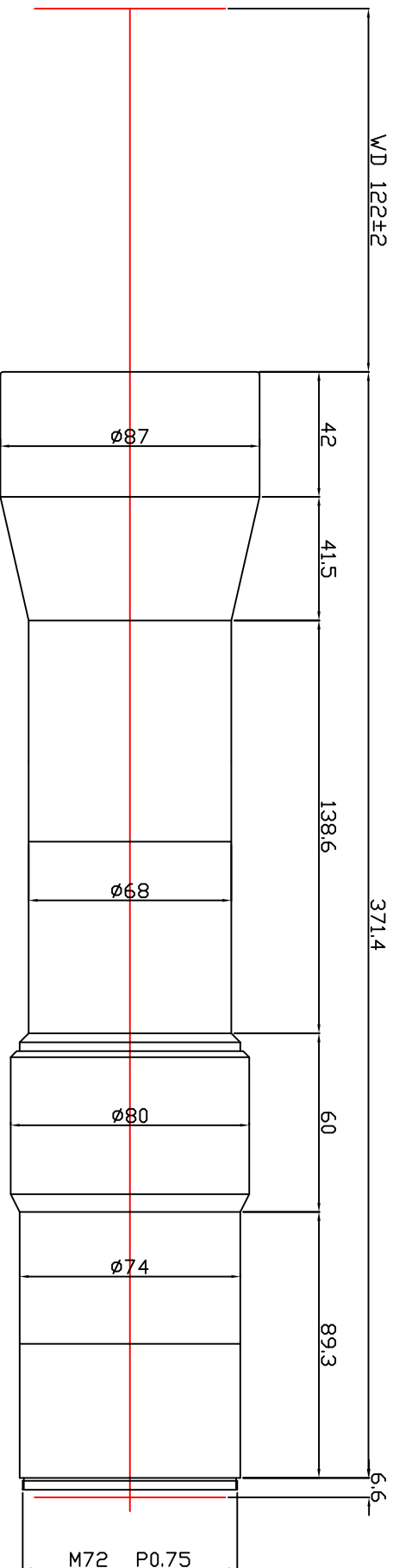




|                                |        |                |         |
|--------------------------------|--------|----------------|---------|
| Optical Mgnification           | 1.0X   | W.D(mm)        | 122     |
| Resolution(um)                 | 6.7    | N.A            | 0.05    |
| F/#                            | 10     | D.O.F(um)      | 200     |
| Optical Distortion(%)          | <0.02% | Telecentricity | < 0.04° |
| F.O.V : 61.4mm@ 12K CCD CAMERA |        |                |         |

Prohibited modification discretionally  
Do not serve to a third party without any permission

| UNIT     | MODEL           |
|----------|-----------------|
| mm       | TCL1.0X-122-12K |
| MATERIAL | DWG NO          |
|          |                 |