



**SPECIFICATION 18-108mm 6x MACRO ZOOM**

|                             |                            |      |
|-----------------------------|----------------------------|------|
| 1. USE                      | FOR 2/3" COLOR, B/W CAMERA |      |
| 2. MAGNIFICATION            | at M. O. D                 |      |
| 3. EFFECTIVE F NUMBER       | F2.5                       |      |
| 4. IMAGE SIZE               | 8.8x6.6                    |      |
| 5. BACK FOCAL LENGTH        | 19.23mm                    |      |
| 6. FLANGE FOCAL LENGTH      | 17.526mm                   |      |
| 7. FOCUS RANGE              | $\infty \sim 30\text{cm}$  |      |
| 8. FIELD ANGLE              | DIA. (W)                   | (T)  |
|                             | HOR. 27.3                  | 4.7  |
|                             | VER.                       |      |
| 9. FIELD OF VIEW AT M.O.D.  | DIA.                       |      |
|                             | HOR.                       |      |
|                             | VER.                       |      |
| 10. DISTORTION (TV)         | FRONT                      | REAR |
|                             |                            |      |
| 11. LENS CONSTRUCTION       |                            |      |
| 12. CLEAR APERTURE          | 0.15mm                     |      |
| 13. MINIMUM OBJECT DISTANCE | 595g                       |      |
| 14. WEIGHT                  |                            |      |

**SPECIFICATION 3D FRONT CONVERTER**

|                      |                |             |
|----------------------|----------------|-------------|
| 1. FOCUS RANGE       |                |             |
| 2. MAGNIFICATION     | DIA.           | HOL.        |
|                      | 143.5mm (T, W) | 95mm (T, W) |
|                      | VER.           | HOL.        |
|                      |                |             |
| 4. LENS CONSTRUCTION | 1 GROUP        | 2 ELEMENTS  |

6X MACRO ZOOM

LMZ45T3