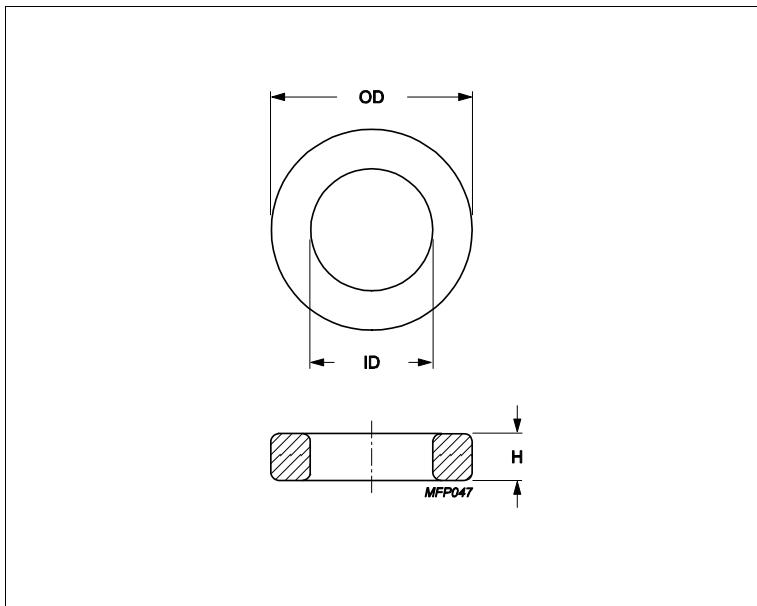


Core **Toroid 5.8/3.1/1.5**



| Effective parameters | | | |
|----------------------|-----------------------|----------------|------------------|
| | Parameter | Value | Unit |
| $\Sigma(I/A)$ | core factor (C_1) | 6.52 | mm^{-1} |
| V_e | effective volume | 26.1 | mm^3 |
| L_e | effective length | 13 | mm |
| A_e | effective area | 2 | mm^2 |
| m | mass of core | ≈ 0.13 | g/pcs |

Epoxy coating DC isolation voltage 1000.

Maximum operating temperature of the coating is 90°C.

Dimensions (mm)

| Cores | OD | ID | H | |
|---------------|----------|----------|---------|----------------|
| TC5.8/3.1/1.5 | 6.02 max | 2.87 min | 1.7 max | Parylen Coated |

Core data

| Cores | Material | AI (nH/turns ²) | AI tolerance | μe |
|---------------|--------------|-----------------------------|--------------|-----------------|
| TC5.8/3.1/1.5 | 3E27 | 1060 | $\pm 25\%$ | ≈ 5500 |
| TC5.8/3.1/1.5 | 3E6 (3E10-M) | 1930 | $\pm 30\%$ | ≈ 10000 |