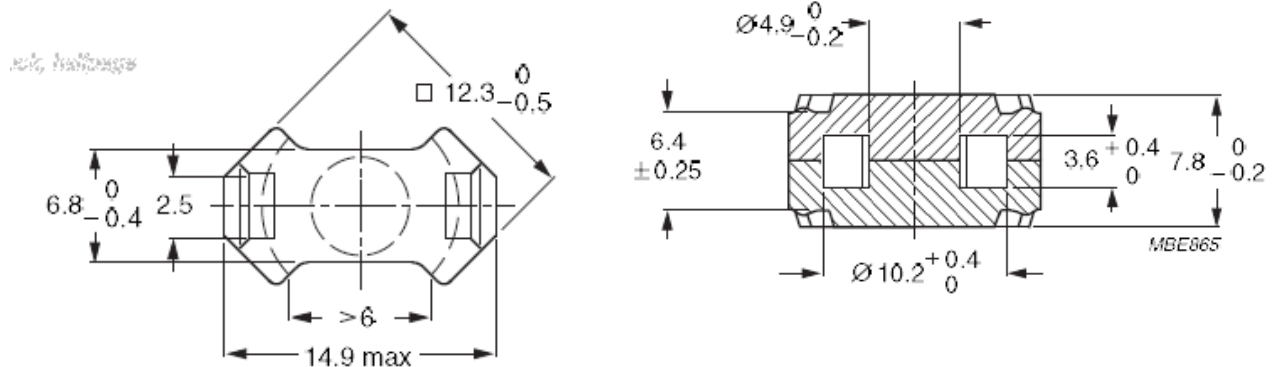


Core RM5/ILP

Effective core parameters

| | | |
|--------------|-------|------------------|
| $\Sigma I/A$ | 0,710 | mm ⁻¹ |
| I_e | 17,5 | mm |
| A_e | 24,5 | mm ² |
| A_{min} | 18,10 | mm ² |
| V_e | 430 | mm ³ |



RM cores are mainly used in Telecommunication and pulsed transformers, where galvanic separation is required, as well as in chokes and coils and resonant circuits. The shape of the cores enables optimal use of the winding space with very good magnetic shielding. Below are examples of core materials we use for the manufacture of our products. These cores occur with different slots and AL values. AL values are given for cores without slots.

The examples of used materials

| Material | AL [nH] |
|----------|----------------|
| 3C90 | 2350 ±25% |
| 3C94 | 2350 ±25% |
| 3C95 | 2710 ±25% |
| 3C96 | 2100 ±25% |
| 3F3 | 2000 ±25% |
| 3F35 | 1700 ±25% |
| 3F4 | 1250 ±25% |
| 3F45 | 1250 ±25% |
| 3B46 | 3200 ±25% |
| 3E5 | 8500 +40/-30% |
| 3E6 | 10000 +40/-30% |
| T38 | 7700 +40/-30% |
| N49 | 1700 +30/-20% |
| N92 | 1900 +30/-20% |
| N87 | 2400 +30/-20% |