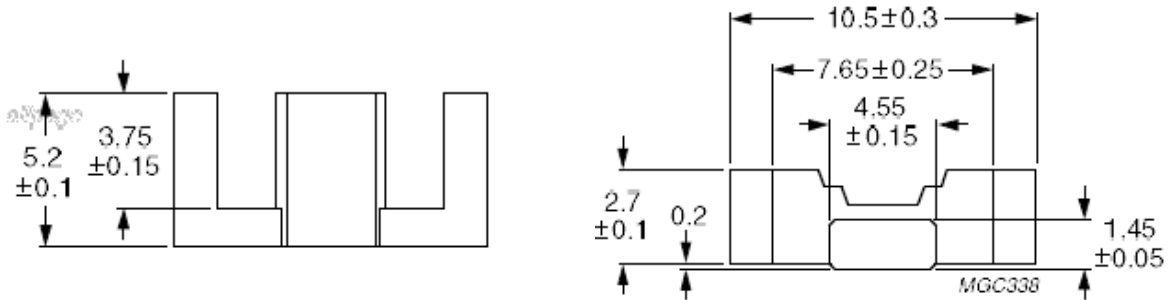


Core EFD10/5/3

Effective core parameters

| | | |
|--------------|------|------------------|
| $\Sigma I/A$ | 3,29 | mm ⁻¹ |
| I_e | 23,7 | mm |
| A_e | 7,2 | mm ² |
| A_{min} | 6,5 | mm ² |
| V_e | 171 | mm ³ |



FFD cores are particularly applicable in low power transformers, thanks to the untypical design - flattened center column, placed asymmetrically. Thanks to this we get compact construction and lowered transformer height in comparison to a similar power transformer on the EE core. Below are examples of core materials we use for the manufacture of our products.

These cores are with different slots and AL values. The AL values in the table are given for cores without a slot. For our production we also use cores with different slots, ie with different constant AL, eg: 63, 40, 25, as well as others made according to individual customer requirements

The examples of used materials

| Material | AL [nH] |
|----------|--------------|
| 3C90 | 585 ±25% |
| 3C94 | 585 ±25% |
| 3C96 | 525 ±25% |
| 3F3 | 500 ±25% |
| 3F35 | 400 ±25% |
| 3F4 | 280 ±25% |
| 3F45 | 280 ±25% |
| N49 | 370 +30/-20% |
| N87 | 450 +30/-20% |
| N97 | 470 +30/-20% |