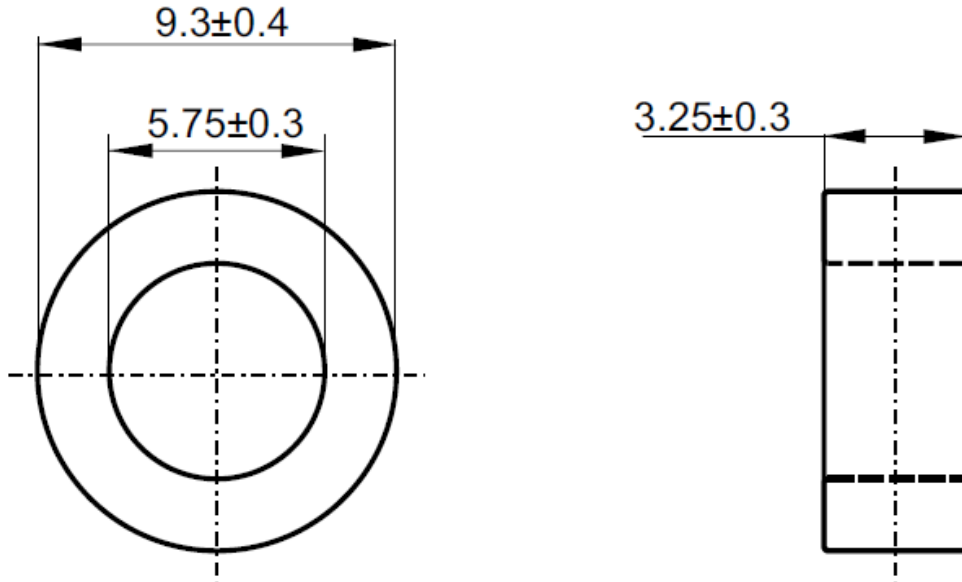


## Product specifications

|             |              |              |     |                                                                                    |
|-------------|--------------|--------------|-----|------------------------------------------------------------------------------------|
| Description | TX9/6/3-3C96 |              |     |  |
| Code 12NC   | NA           |              |     |                                                                                    |
| YPN         | NA           | Selling unit | PCS |                                                                                    |



### Magnetic dimensions according to IEC 205

|                                    |                            |                                   |
|------------------------------------|----------------------------|-----------------------------------|
| $A_e = 4.44 \text{ [mm}^2\text{]}$ | $L_e = 22.93 \text{ [mm]}$ | $V_e = 102 \text{ [mm}^3\text{]}$ |
|------------------------------------|----------------------------|-----------------------------------|

### Specified value

| No | Symbol | Unit                  | Value     | Conditions             | Remarks |
|----|--------|-----------------------|-----------|------------------------|---------|
| 1  | Al.    | nH/turns <sup>2</sup> | 490 ± 25% | 10 kHz; < 0.1 mT; 25°C |         |
| 2  | Pv     | W                     | < 0.0574  | 100kHz; 200mT; 100°C   |         |
| 3  | Pv     | W                     | < 0.023   | 400kHz; 50mT; 100°C    |         |
| 4  |        |                       |           |                        |         |
| 5  |        |                       |           |                        |         |
| 6  |        |                       |           |                        |         |
| 7  |        |                       |           |                        |         |
| 8  |        |                       |           |                        |         |
| 9  |        |                       |           |                        |         |
| 10 |        |                       |           |                        |         |

### Comments

- (1) VISUAL REQUIREMENTS according to: I-15-002  
 (2) High voltage insulation > 1.5 kV DC  
 (3) Toroid coated: Epoxy Cream RAL 1014

|                                                                                                                                                                         |              |            |                   |         |         |            |            |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|------------|-------------------|---------|---------|------------|------------|
| Compiles with                                                                                                                                                           |              | Author     | Emanuel Kowalczyk | Checked |         | Basic core | Basic code |
|   | Date         | 2018-11-26 | Date              |         |         |            |            |
|                                                                                                                                                                         | Version      |            | 1                 |         |         |            |            |
|                                                                                                                                                                         | Product type |            | Status            |         | Marking |            |            |
|                                                                                                                                                                         | STANDARD     |            | PROVISIONAL       |         |         |            |            |