



PAIRUI

FUAN

Ferrite Cores

T9\*5\*3

P3 - T9\*5\*3 - C/P

P3 : Material .

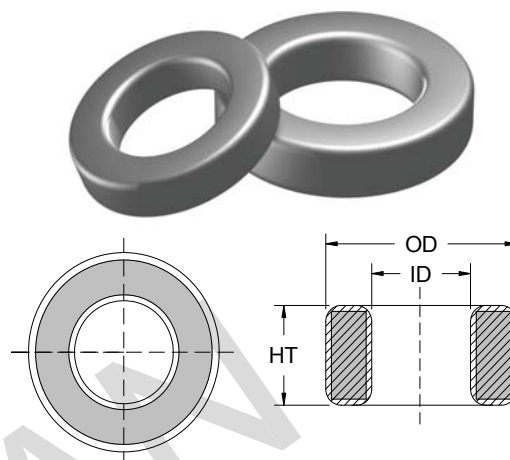
T9\*5\*3 : Core Size.

C/P : Coating.

C=Epoxy;P=Parylene.

Dimension: (UNIT:mm)

|    | Dimensions<br>(mm) | Epoxy Coating<br>Dimensions(mm) |
|----|--------------------|---------------------------------|
| OD | 9.0 ± 0.30         | 10.00max                        |
| ID | 5.0 ± 0.30         | 4.20min                         |
| HT | 3.0 ± 0.20         | 3.73max                         |



Effective parameter

| Le(mm) | Ae(mm <sup>2</sup> ) | Ve(mm <sup>3</sup> ) | Wt(g/set) |
|--------|----------------------|----------------------|-----------|
| 21.99  | 6.00                 | 131.95               | ≈ 0.63    |

Test conditions

AL: F=10.0KHz U=0.1V N=10Ts (HP-4284A) .

Coating The core are coated with epoxy,  
flame retardant in accordance

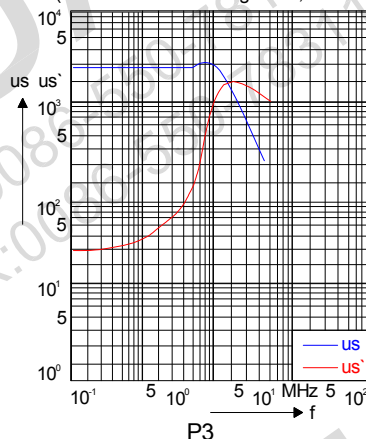
with "UL 94V-0"file number E228348.

The colour is green.

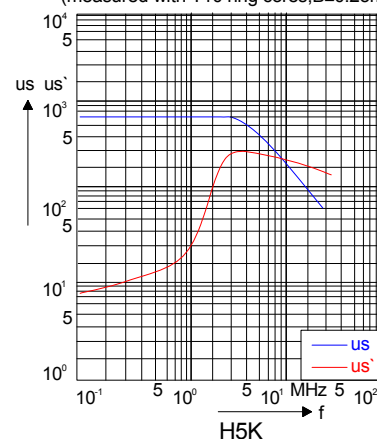
Ring core data

| AL(nH)     | μi    | Type Number   |
|------------|-------|---------------|
| 789 ± 25%  | 2300  | T9*5*3 - P3   |
| 1714 ± 30% | 5000  | T9*5*3 - H5K  |
| 2400 ± 30% | 7000  | T9*5*3 - H7K  |
| 3429 ± 30% | 10000 | T9*5*3 - H10K |

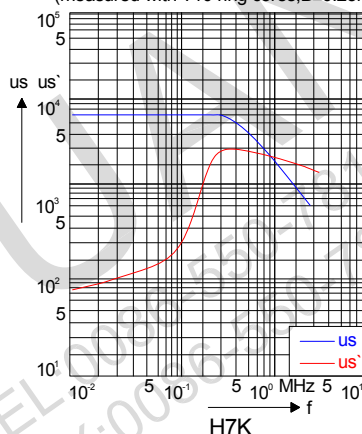
Complex permeability versus frequency  
(measured with T10 ring cores, B≤0.25mT)



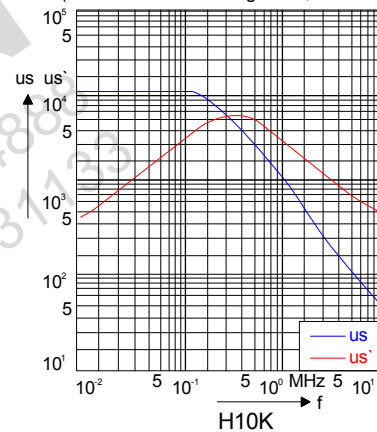
Complex permeability versus frequency  
(measured with T10 ring cores, B≤0.25mT)



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Complex permeability versus frequency  
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**Note:**

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2:ROHS compliant.