



PAIRUI

FUAN

Ferrite Cores T46*31*12

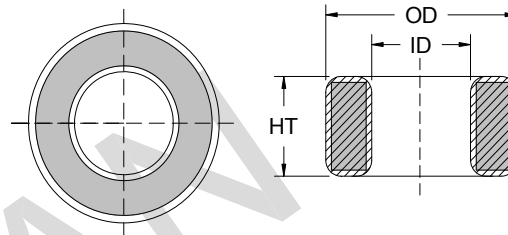
P3 - T46*31*12 - C/P

P3 : Material .
 T46*31*12 : Core Size.
 C/P : Coating.
 C=Epoxy;P=Parylene.



Dimension: (UNIT:mm)

| | Dimensions (mm) | Epoxy Coating Dimensions(mm) |
|----|-----------------|------------------------------|
| OD | 46.00 ± 0.50 | 47.40max |
| ID | 31.00 ± 0.50 | 29.60min |
| HT | 12.00 ± 0.40 | 13.00max |



Effective parameter

| Le(mm) | Ae(mm ²) | Ve(mm ³) | Wt(g/set) |
|--------|----------------------|----------------------|-----------|
| 120.95 | 90.00 | 10885.62 | ≈ 52.25 |

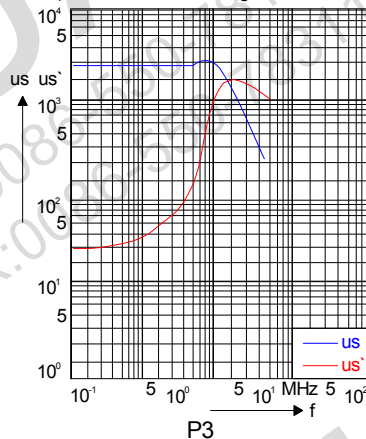
Test conditions

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.

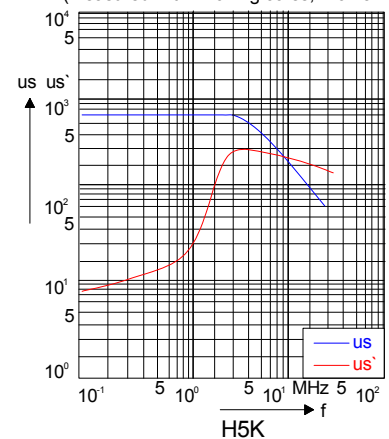
Ring core data

| AL(nH) | μi | Type Number |
|------------|-------|------------------|
| 2151 ± 25% | 2300 | T46*31*12 - P3 |
| 4675 ± 30% | 5000 | T46*31*12 - H5K |
| 6545 ± 30% | 7000 | T46*31*12 - H7K |
| 9351 ± 30% | 10000 | T46*31*12 - H10K |

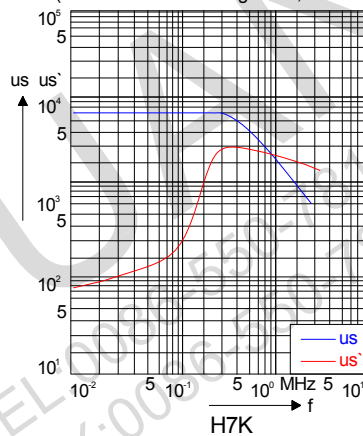
Complex permeability versus frequency (measured with T10 ring cores, B≤0.25mT)



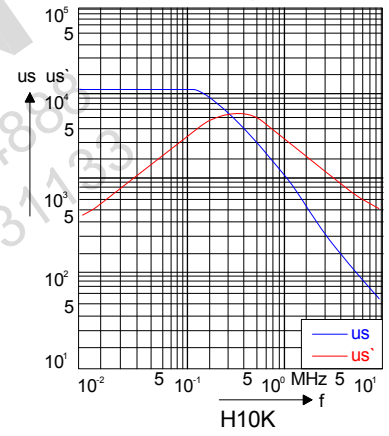
Complex permeability versus frequency (measured with T10 ring cores, B≤0.25mT)



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



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



Note:

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