



PAIRUI

FUAN

Ferrite Cores T50*30*19

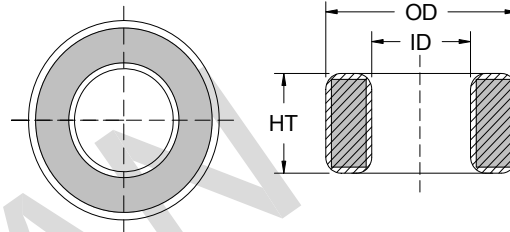
P3 - T50*30*19 - C/P

P3 : Material .
 T50*30*19 : Core Size.
 C/P : Coating.
 C=Epoxy;P=Parylene.



Dimension: (UNIT:mm)

| | Dimensions (mm) | Epoxy Coating Dimensions(mm) |
|----|-----------------|------------------------------|
| OD | 50.00 ± 0.80 | 51.50max |
| ID | 30.00 ± 0.70 | 28.40min |
| HT | 19.00 ± 0.60 | 20.00max |



Effective parameter

| Le(mm) | Ae(mm ²) | Ve(mm ³) | Wt(g/set) |
|--------|----------------------|----------------------|-----------|
| 125.66 | 190.00 | 23876.10 | ≈ 114.61 |

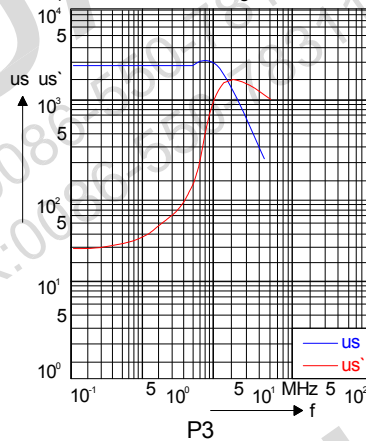
Test conditions

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.

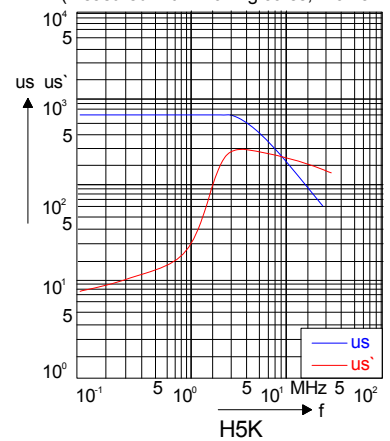
Ring core data

| AL(nH) | μi | Type Number |
|-------------|-------|------------------|
| 4370 ± 25% | 2300 | T50*30*19 - P3 |
| 9500 ± 30% | 5000 | T50*30*19 - H5K |
| 13300 ± 30% | 7000 | T50*30*19 - H7K |
| 19000 ± 30% | 10000 | T50*30*19 - H10K |

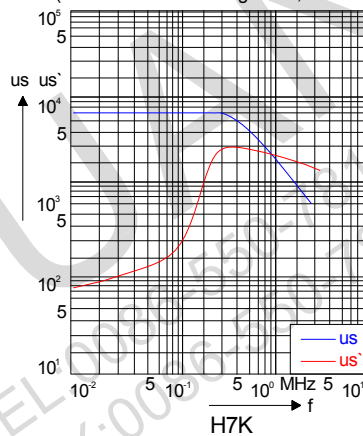
Complex permeability versus frequency (measured with T10 ring cores, B≤0.25mT)



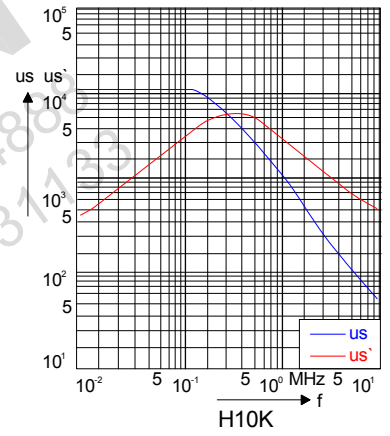
Complex permeability versus frequency (measured with T10 ring cores, B≤0.25mT)



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:

- 1:Document is the property of FUAN Inc & is not allowed to be duplicated without authorization
- 2:ROHS compliant.