

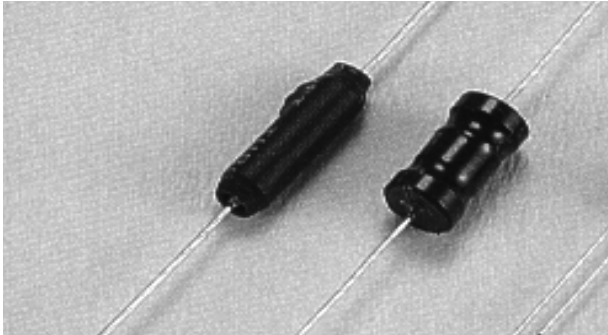


Italtras transformers in the world

low profile - encapsulated - toroidal - open - pcb or rack - inductor

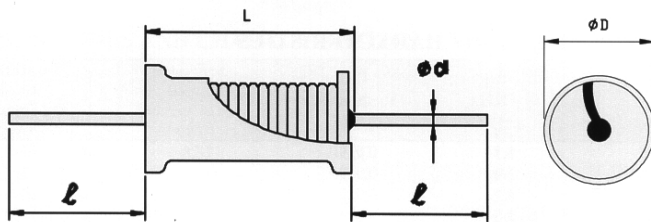
Axial Power Choke

Type: APSC & APCL



Characteristics

- INDUCTANCE TOLLERANCE: + -10% Standard
- TEMPERATURE RATING: -25°C to +80°C
- RATED CURRENT: Lower inductance by 10%
- ENCAPSULATION: 1.PVC shrink tubing (85°C)
2.PE shrink tubing (105°C)
- TERMINAL TENSILE STRENGTH: 1.0 Kg min.
- TERMINAL BENDING STRENGTH: 0.3 Kg min.



EXTERNAL DIMENSIONS

| Type | L(Max) | φ D(Max) | l (±2) | φ d±0.05 |
|------|--------|----------|--------|----------|
| PCS | 16 | 7.5 | 25 | 0.8 |
| PCL | 25 | 12 | 29 | 0.8 |

| PART NUMBER | Inductance L@ 1 KHz (uH) | DC Resistance (ohm) Max. | Suggested Rated AC Current (A) | Saturation Rated DC Current (A) |
|-------------|--------------------------|--------------------------|--------------------------------|---------------------------------|
| APCS 3R3K | 3.3 | 0.019 | 1.28 | 7.3 |
| APCS 3R9K | 3.9 | 0.019 | 1.28 | 7.3 |
| APCS 4R7K | 4.7 | 0.022 | 1.28 | 6.3 |
| APCS 5R6K | 5.6 | 0.024 | 1.28 | 5.6 |
| APCS 6R8K | 6.8 | 0.026 | 1.28 | 5.3 |
| APCS 8R2K | 8.2 | 0.028 | 1.28 | 4.5 |
| APCS 100K | 10 | 0.033 | 1.28 | 4.1 |
| APCS 120K | 12 | 0.037 | 1.28 | 3.6 |
| APCS 150K | 15 | 0.040 | 1.28 | 3.3 |
| APCS 180K | 18 | 0.044 | 1.28 | 3.0 |
| APCS 220K | 22 | 0.050 | 1.28 | 2.7 |
| APCS 250K | 25 | 0.050 | 1.28 | 2.6 |
| APCS 270K | 27 | 0.056 | 1.28 | 2.5 |
| APCS 330K | 33 | 0.076 | 1.008 | 2.2 |
| APCS 390K | 39 | 0.094 | 0.804 | 2.0 |
| APCS 470K | 47 | 0.109 | 0.804 | 1.8 |
| APCS 560K | 56 | 0.131 | 0.804 | 1.7 |
| APCS 680K | 68 | 0.140 | 0.804 | 1.5 |