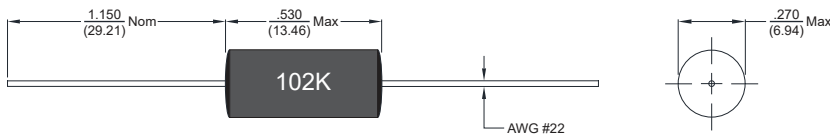




Axial Shielded Power Chokes

ASPC60

Dimensions: $\frac{\text{inch}}{\text{mm}}$ 

| Allied Part Number | Inductance (μH) | Tolerance (%) | Test Frequency MHz | DCR (Ω) Max. | Q Min. | SRF (MHz) Min. | Rated Current (mA) | Incremental Current (mA) |
|--------------------|------------------------------|---------------|--------------------|-----------------------|--------|----------------|--------------------|--------------------------|
| ASPC60-251K-RC | 250 | 10 | 0.79 | 170 | 35 | 9.0 | 1330 | 60 |
| ASPC60-501K-RC | 500 | 10 | 0.79 | 390 | 25 | 6.0 | 880 | 44 |
| ASPC60-681K-RC | 680 | 10 | 0.79 | 500 | 25 | 4.5 | 780 | 44 |
| ASPC60-102K-RC | 1000 | 10 | 0.79 | 800 | 80 | 3.5 | 610 | 30 |

All specifications are subject to change without notice.

Features

- Axial Leaded Power Chokes
- Magnetically Shielded
- Epoxy End Caps for added Lead Strength and Protection

Electrical

Inductance Range: 250 μH to 1000 μH

Tolerance: 10% over entire inductance range. Available in tighter tolerances.

Test Frequency: 0.79MHz

Operating Temp: -55°C to +125°C

Current Rating: Based on 0.33 watt power dissipation for approximately 20°C Temperature Rise.

Incremental Current: -The current at which the inductance will drop by 5% of it's value with no load.

Test Equipment

Inductance: CH-100 LCR Meter

Current: CH301 Current Source and DCR meter

DCR: CH301 Current Source and DCR Meter

Physical

Packaging: Bulk

Marking: EIA Inductance code

Schematics

