

AK Series Through-Hole Custom Rod Choke

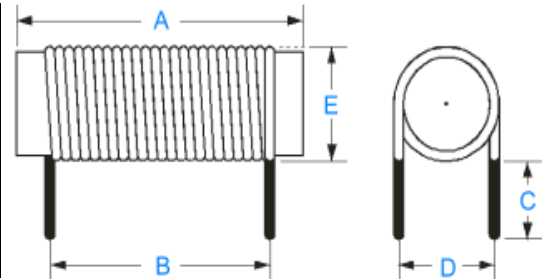
Features :

- Low Cost Rod Choke for noise suppression or input filter application
- AK type coils are applied for switching regulators, power amplifiers, power supplies, typewriters, automotive, monitors, TVs, UPS, SRC with high current circuits.
- Custom designs are welcomed!

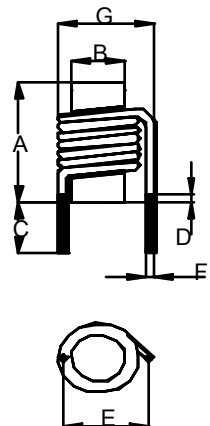


Below are some examples. For custom design chokes, please contact Inter-Technical

Part Number	A (mm)	B (mm)	C (mm)	D (mm)	Wire Dia (m/m)	Rated Current (A) MAX	L (μH) 1 KHz 0.25V	DCR (mΩ) MAX.
AK141021071A-1R0M	10.0±0.3	6.0±0.5	4.0±0.3	5.0±0.5	Ø 0.7	9.5	1.0	8.0
AK141916071A-1R3M	19.0±0.4	10.0±0.5	4.0±0.3	5.5±0.5	Ø 1.2	15.0	1.3	5.0
AK141914081A-1R4M	19.0±0.4	15.0±0.5	4.0±0.3	6.5±0.5	Ø 1.6	20.0	1.0	3.0
AK141916111A-2R2M	19.0±0.5	15.0±0.5	4.0±0.3	6.0±0.5	Ø 1.2	15.0	2.2	5.0



Part Number	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F Wire Dia (m/m)	G (mm)	Rated Current (A) MAX	L (μH) 100KHz 0.25V	DCR (mΩ) MAX.
AK1318160062A-R68M	18.5 MAX	3.5 MAX	5.0±1.0	0 (min)	7.0±1.0	Ø 1.2±0.1	8.2 MAX	15	0.68	2.2
AK1520140052A-R70M	20.0±0.2	5.0±0.2	3.8±0.5	0 (min)	9.0±1.0	Ø 1.2±0.1	7.8 MAX	20	0.70	2.0
AK1418160062A-1R0M	18.5 MAX	4.0±0.15	3.3 +0.5 -0.76	0 (min)	7.62 +1.524 -0.381	Ø 1.2±0.1	12.0 MAX	15	1.0	2.5
AK1520140062A-1R0M	20.0±0.5	5.0±0.3	3.6±0.6	0 (min)	10.0±1.0	Ø 1.6±0.1	12.5 MAX	16	1.0	1.65



AK 1 420 20 16 1A-5R1 □

Tolerance : (K: 10%, L: 15%, M: 20%, N: 30%, Y:min)
 Inductance
 No. of Turns
 Wire Diameter
 Core Diameter
 Type of Winding : 1. Clockwise Winding
 2. Counter Clockwise Winding
 Product Symbol

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Rev. A, January 20, 2004