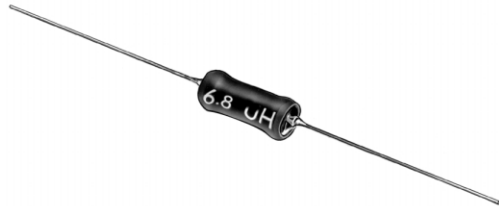


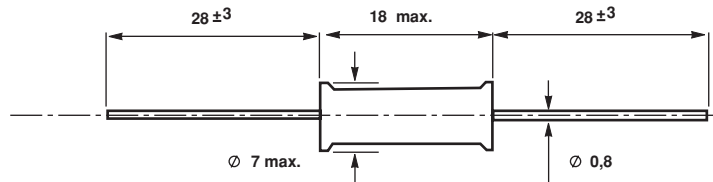
## Current Chokes, Axial Leads Noise Suppression Applications



### FEATURES

- These Inductors have copper winding on a bobbin with axial lead terminals
- Protection by polyolefin flame retardant sleeve
- Cylindrical shape allows use in automatic cabling machines use
- This inductor series is specially designed for power supply filtering

### DIMENSIONS in millimeters



ELECTRICAL SPECIFICATIONS	
Inductance Range	1µH to 18000µH
Tolerance	± 20%
Maximum Voltage	500VRMS
Measuring Conditions	U = 100mVRMS

### MECHANICAL SPECIFICATIONS

Coating                    thermo sleeve  
                                  on request UL version

Terminals                tinned copper

Weight                    4g

### ENVIRONMENTAL SPECIFICATIONS

Operating Temperature Range + 70°C

Temperature Limits        - 55°C + 125°C



<b>IG70 INDUCTORS - STANDARD VALUES</b>				
INDUCTANCE VALUE $\mu\text{H}$ IDC = 0	TOLERANCE %	TEST FREQUENCY	DCR MAX. $\Omega$	I MAX. A
1	$\pm 20\%$	1 kHz	0.009	5.3
1.2			0.010	5
1.5			0.011	4.8
1.8			0.012	4.6
2.2			0.013	4.4
2.7			0.014	4.2
3.3			0.016	4
3.9			0.017	3.8
4.7			0.022	3.4
5.6			0.024	3.2
6.8			0.026	3.1
8.2			0.028	3
10			0.033	2.8
12			0.037	2.6
15			0.040	2.5
18			0.044	2.4
22			0.060	2.2
27			0.070	1.9
33			0.075	1.8
39			0.084	1.7
47			0.104	1.6
56			0.130	1.4
68			0.145	1.3
82			0.152	1.3
100			0.208	1.1
120			0.283	0.94
150			0.330	0.87
180			0.362	0.83
220			0.505	0.70
270			0.557	0.67
330			0.650	0.62
390			0.770	0.57
470			1.03	0.49
560			1.14	0.47
680			1.50	0.41
820			1.98	0.36
1000			2.3	0.33
1200			2.55	0.31
1500			3	0.29
1800			4	0.25
2200			4.40	0.24
2700			5.80	0.21
3300			6.56	0.2
3900			8.63	0.17
4700			10.1	0.16
5600			11.2	0.15
6800			15	0.13
8200			20.8	0.11
10000			23.4	0.1
12000			26	0.1
16000			36	0.08
18000	$\pm 20\%$	1 kHz	40	0.08

<b>PACKAGING</b>
500 pieces tape and reel.

**MARKING**

Print marked: manufacturer, series and style, inductance value, date code.

<b>ORDERING INFORMATION</b>				
IG	70	3900 $\mu\text{H}$	$\pm 20\%$	R
SERIES	STYLE	INDUCTANCE VALUE	TOLERANCE	PACKAGING
				R: tape and reel