Wide band chokes

For detailed information on these and other types see Data Handbook C4/C5

Wide band HF chokes are used for interference suppression, e.g. in electric motors. Double chokes are used for twin leads, in which case the advantage of mutual inductance can be utilized.

The chokes can be supplied with six axial holes through which 1.5, 2.5, or 2 x 1.5 (double chokes) turns of tinned copper wire are threaded.

The solderability of the leads is determined by the test TA, method 1 and ageing time as described in IEC 68–2–28.

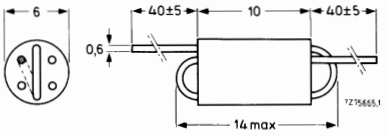

Fig. 1

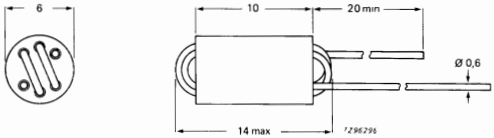

Fig. 3

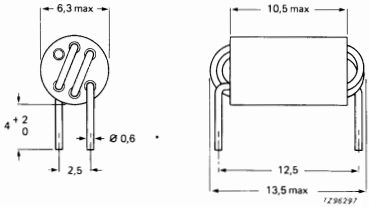

Fig. 2

number of turns	Z_{max} Ω	f at Z_{max} MHz	optimal frequency range MHz	grade	catalogue number
1.5	⩾300	120	10–300	3B1	**4312 020 36630**
1.5	⩾350	250	80–300	4B1	**4312 020 36690**
2.5	⩾600	50	10–200	3B1	**4312 020 36640**
2.5	⩾700	180	50–300	4B1	**4312 020 36700**
2 x 1.5	⩾700	50	10–220	3B1	**4312 020 36650**
2 x 1.5	⩾800	110	50–300	4B1	**4312 020 36710**

number of turns	fig.	grade	catalogue number
2.5	2	3B1	**4330 030 38080**
3	3	3B1	**4312 020 36760**
2.5	2	3B1	**4330 030 38960***
2.5	2	3B1	**4330 030 38990****

* with enamelled wire, pre–soldered

** with isolated body