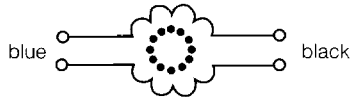


**Ring Core Inductors (Double Inductors)  
Current Compensated**

**F 1753 - . . . . . 2**

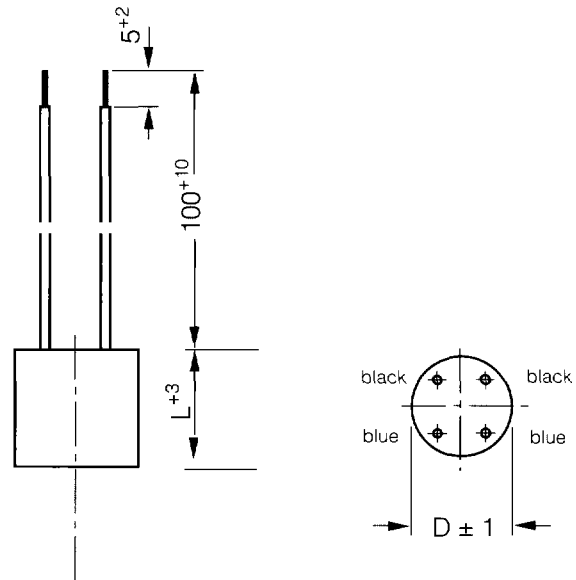
**Technical Data:**  
See page 126

**Circuit Diagram:**



**Description of Circuit:**

In order to prevent magnetization through the working current, the leads of the same color must be connected to leads in the line or the load.



Rated Current * (amps)	Inductance (mH)	Approx. DC Resistance (Ω)	Dimension D x L (mm)	Ordering Code
1	2 x 7	2 x 0,26	20 x 22	F 1753-270-122
2	2 x 4	2 x 0,16	20 x 22	F 1753-240-122
2,5	2 x 2,5	2 x 0,1	20 x 22	F 1753-225-122
4	2 x 1	2 x 0,05	20 x 22	F 1753-210-122
6,3	2 x 0,5	2 x 0,002	20 x 22	F 1753-150-122
1	2 x 15	2 x 0,5	20 x 22	F 1753-315-122
1,6	2 x 10	2 x 0,3	20 x 30	F 1753-310-222
1,6	2 x 7	2 x 0,16	25 x 30	F 1753-270-222
1,6	2 x 27	2 x 0,4	25 x 30	F 1753-327-222
2,5	2 x 7	2 x 0,1	25 x 30	F 1753-270-222
4	2 x 2,5	2 x 0,05	25 x 30	F 1753-225-222
4	2 x 4	2 x 0,06	25 x 30	F 1753-240-222
6,3	2 x 1	2 x 0,035	25 x 30	F 1753-210-222
8	2 x 0,68	2 x 0,02	25 x 30	F 1753-168-222
10	2 x 0,5	2 x 0,014	25 x 30	F 1753-150-222

\* For ambient temperature of > 40 °C the allowed current decreases in ratio to the rated current. See diagram on page 126.

**Ring Core Inductors (Double Inductors)  
Current Compensated**

**F 1753 - . . . . . 4**

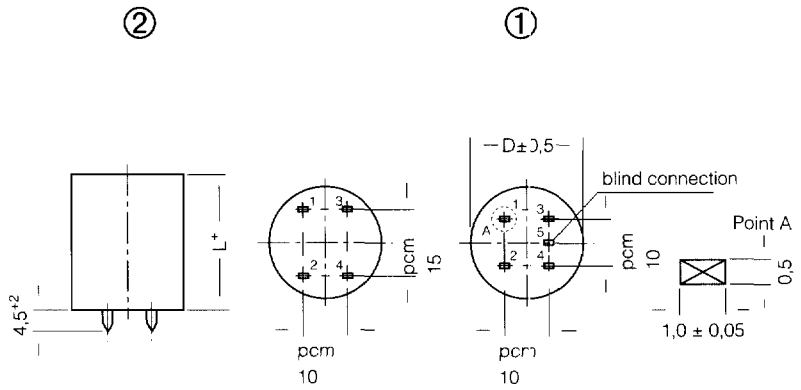
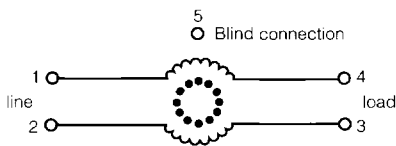
**Technical Data:**

See page 126

**Leads:**

Designed for mounting on printed circuit boards, pcm 2,5 mm.

**Circuit Diagramm:**



**Description of Circuit:**

In order to prevent magnetization through the working current, the connection must be according to the shown circuit diagram.

Rated Current * (amps)	Inductance (mH)	Approx. DC Resistance (Ω)	Dimension D x L (mm)	Dimensional Drawing	Ordering Code
1	2 x 7	2 x 0,26	20 x 22	1	F 1753-270-124
2	2 x 4	2 x 0,16	20 x 22	1	F 1753-240-124
2,5	2 x 2,5	2 x 0,1	20 x 22	1	F 1753-225-124
4	2 x 1	2 x 0,05	20 x 22	1	F 1753-210-124
6,3	2 x 0,5	2 x 0,002	20 x 22	1	F 1753-150-124
1	2 x 15	2 x 0,5	20 x 22	1	F 1753-315-124
1,6	2 x 10	2 x 0,3	20 x 30	2	F 1753-310-224
1,6	2 x 7	2 x 0,16	25 x 30	2	F 1753-270-224
1,6	2 x 27	2 x 0,4	25 x 30	2	F 1753-327-224
2,5	2 x 7	2 x 0,1	25 x 30	2	F 1753-270-224
4	2 x 2,5	2 x 0,05	25 x 30	2	F 1753-225-224
4	2 x 4	2 x 0,06	25 x 30	2	F 1753-240-224
6,3	2 x 1	2 x 0,035	25 x 30	2	F 1753-210-224
8	2 x 0,68	2 x 0,02	25 x 30	2	F 1753-168-224
10	2 x 0,5	2 x 0,014	25 x 30	2	F 1753-150-224

\* For ambient temperature of > 40 °C the allowed current decreases in ratio to the rated current. See diagram on page 126.

**Ring Core Inductors (Double Inductors)  
Current Compensated**

**F 1753 - . . . . . 2  
F 1753 - . . . . . 4**

Impedance (Z) as a function  
of frequency  
(f) at  $T_a = 20\text{ }^\circ\text{C}$  (Average)

