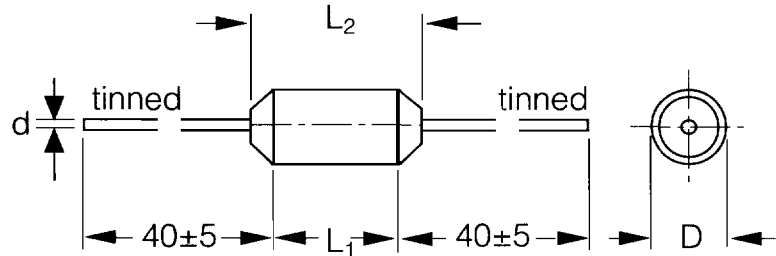


Insulated VHF Inductors

F 1756



Notes:

The bend of the leads must have a distance of 3 mm from the end of the inductors insulation. The soldering point of the winding leads and the connection leads shall not be in the bend.


Rated Current* (amps)	Inductance (µH)	Approx. DC Resistance (mΩ)	Dimensions (mm)				Ordering Code
			D _{max}	L _{1max}	L _{2max}	d	
0,3	47	1400	4,5	12	19	0,65	F 1756-047-9031
0,41	27	1700	4,0	8	15	0,65	F 1756-027-9041
0,43	22	1000	4,0	8	15	0,65	F 1756-022-9041
0,46	15	800	4,0	8	15	0,65	F 1756-015-9041
0,5	10	400	4,0	8	15	0,65	F 1756-010-9051
0,7	47	500	5,0	15	22	0,80	F 1756-047-9071
0,8	33	400	5,0	15	22	0,80	F 1756-033-9091
0,9	22	400	4,5	12	19	0,65	F 1756-022-9121
1,0	22	180	5,0	15	22	0,80	F 1756-022-9161
1,3	10	135	4,5	12	19	0,65	F 1756-010-9161
2,0	15	110	5,0	15	22	0,80	F 1756-015-9221
3,0	22	75	5,5	20	28	0,80	F 1756-022-9351
3,0	10	55	5,0	15	22	0,80	F 1756-010-9371
3,0	5,6	40	5,0	15	22	0,80	F 1756-005-9371
4,0	15	50	5,5	20	28	0,80	F 1756-015-9501
4,0	10	35	5,5	20	28	0,80	F 1756-010-9501
5,0	8,2	25	5,5	20	28	0,80	F 1756-008-9601

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

Insulated VHF Inductors

F 1756

Approvals:

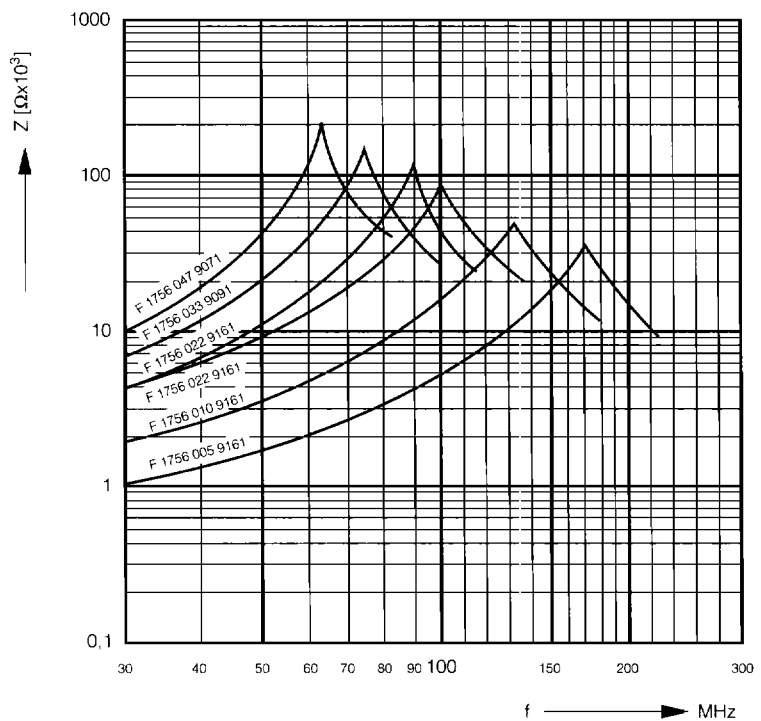
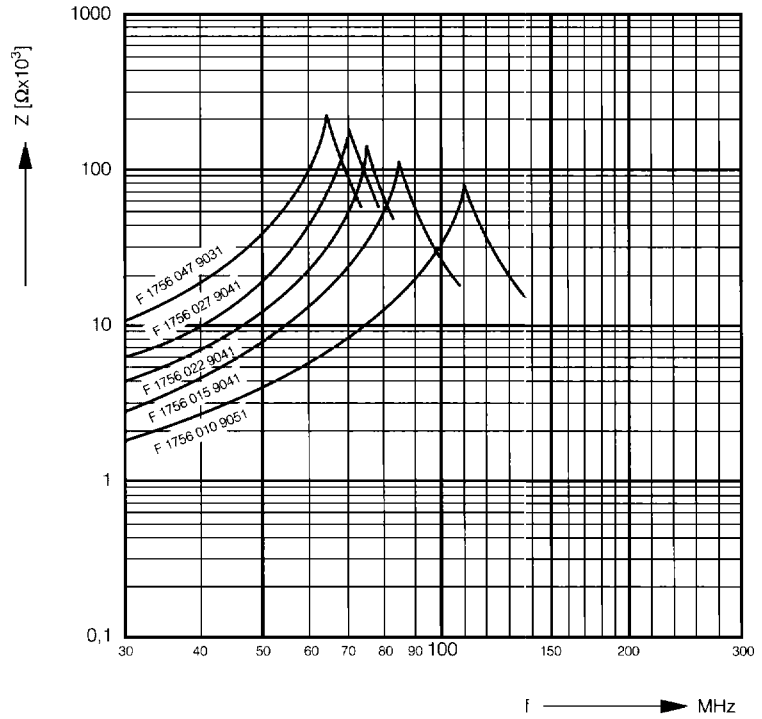
Country	Specification	Approval reference	Approval Mark
Germany	VDE 0565, part 2	39572	

Technical Data	
Core Material:	Ferrite
Winding:	Enamelled copper wire (CuL)
Leads:	Ends of winding come out on both sides, tinned
Climatic testing class acc. to EN 60068-1:	25/085/21
Temperature Range:	-25 °C to + 85 °C
Test Voltage:	AC 2500 V / sec.
Rated Current:	0,3 – 6 Amps
Rated Voltage:	AC 250 V
Inductance:	5,6 – 47 μ H \pm 20 %
Insulation:	shrink sleeve

Insulated VHF Inductors

F 1756

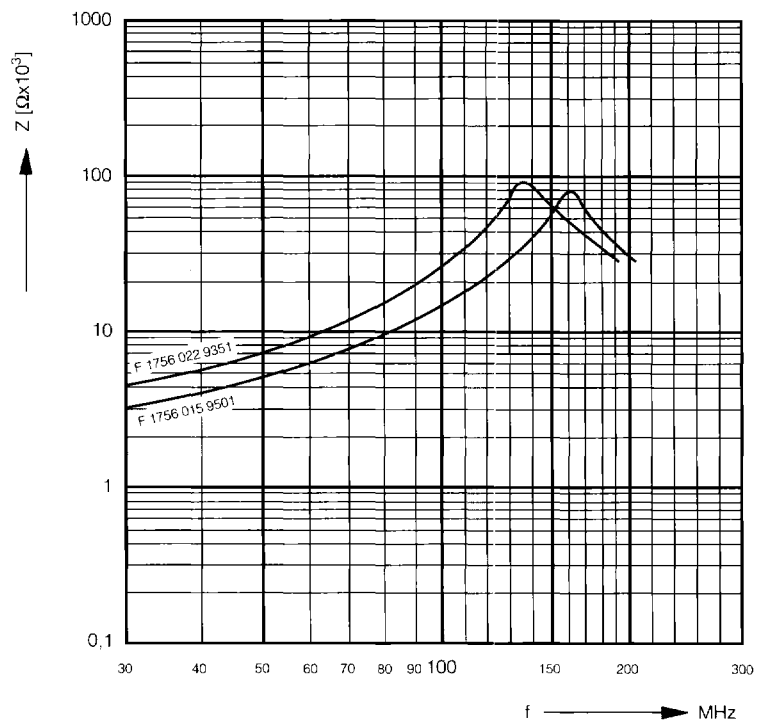
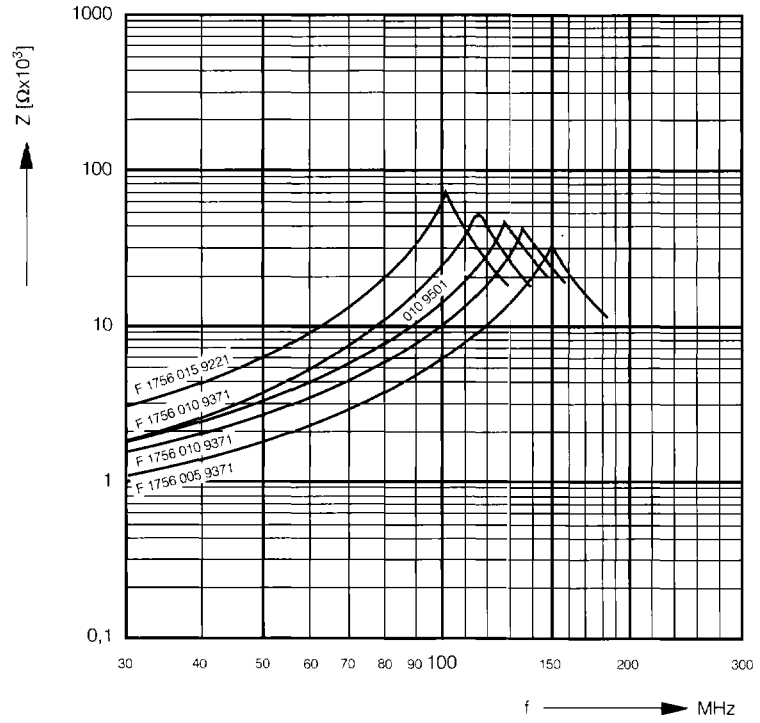
Impedance (Z) as a function of frequency (f) at $T_a = 20\text{ }^\circ\text{C}$ (Average)



Insulated VHF Inductors

F 1756

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



Production Code

according to DIN IEC Publication 62/11.90

Year	Letter Code
1986	U
1987	V
1988	W
1989	X
1990	A
1991	B
1992	C
1993	D
1994	E
1995	F
1996	H
1997	J
1998	K
1999	L
2000	M
2001	N
2002	P
2003	R
2004	S
2005	T
2006	U

Month	Letter / Number Code
January	1
February	2
March	3
April	4
May	5
June	6
July	7
August	8
September	9
October	O
November	N
December	D

A) 2 Figure code (Year/Month)

The production code is indicated with 2 code letters or with one code letter and one code number. The 1st figure indicates the year and the 2nd figure indicates the month.

Examples:

1988 August = W8
 1989 January = X1
 1990 February = A2
 1991 December = BD
 1992 March = C3
 1993 April = D4
 1994 July = E7
 1995 August = F8
 1996 May = H5
 1997 October = JO
 1998 November = KN
 1999 August = L8
 2000 June = M6

B) 4 Figure code (Year/Week)

The production code can also be indicated with 4 code numbers. The 1st and 2nd code numbers indicate the year and the 3rd and 4th code numbers indicate the week.

Examples:

3rd Week 1988 = 8803
 15th Week 1989 = 8915
 33rd Week 1990 = 9033
 48th Week 1991 = 9148
 10th Week 1992 = 9210
 21st Week 1993 = 9321
 18th Week 1994 = 9418
 50th Week 1995 = 9550
 32nd Week 1996 = 9632
 41st Week 1997 = 9741
 27th Week 1998 = 9827
 45th Week 1999 = 9945
 13th Week 2000 = 2013