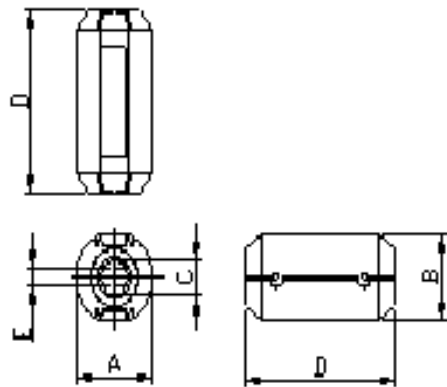


# D FLF-702

## MULTILAYER FERRITE CHIP FERRITE INDUCTORS

### Shape And Dimensions



	No Tube
A	16± 1.0
B	14± 1.0
C	7± 0.5
D	30± 1.5

### appearance standard

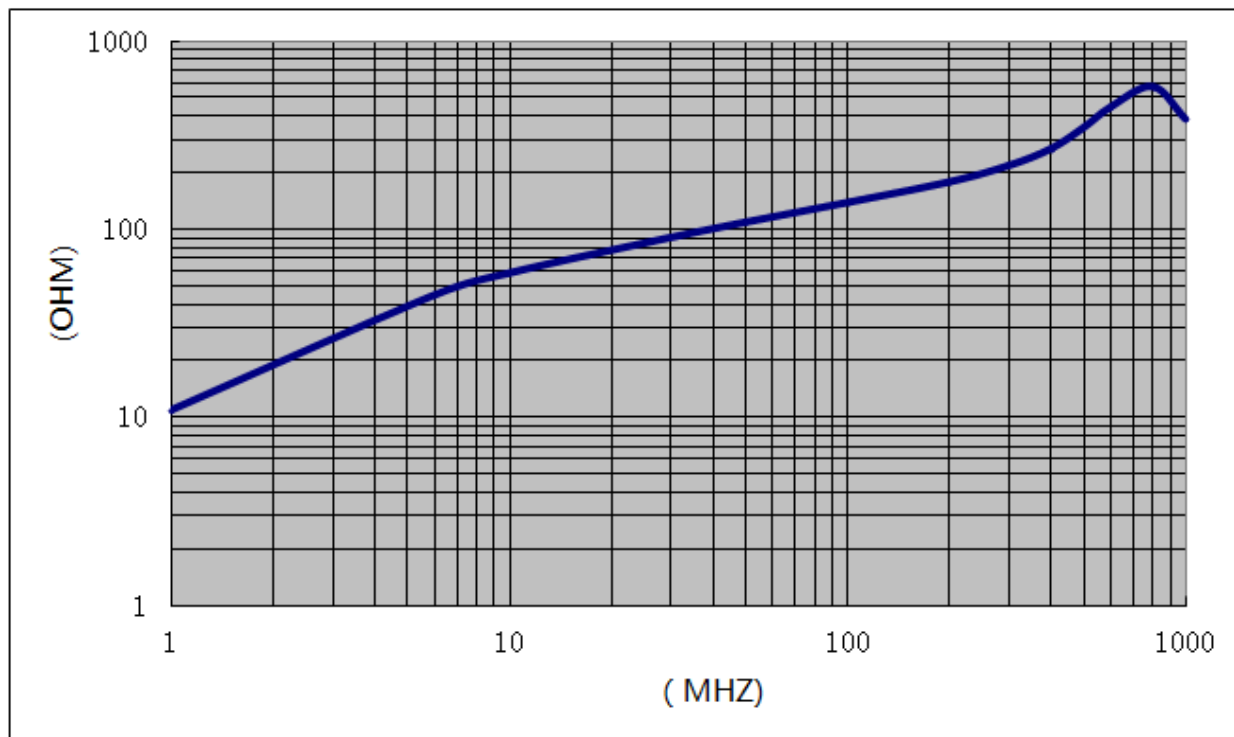
(ALL AREA OF BREAKAGE)	≤2MM <sup>2</sup>
(THE DEPTH OF THE BREAKAGE)	≤0.4MM
(THE LENGTH BURR)	≤0.2MM

### Material properties

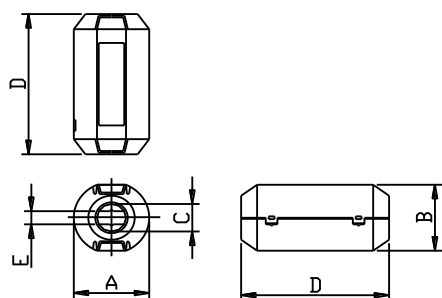
Item	Symbol	Condition	Value	Unit
Initial Permeability	ui		650±25%	
Working Frequency	f	25° C	0.1--1	MHz
Relative Loss Factor	tan δ /ui	25° C	18 0.1MHz	<sup>-6</sup> X10
Saturation Magnetic Flux Density	Bs	25° C	400 4000A/M	MT
Remanence	Br	25° C	280	MT
Coercitive Force	Hc	25° C	25	A/m
(20--60° C) Relative Temperature Coefficient	aur		7--18	<sup>-6</sup> X10 ° C
Curie Temperature	Tc		≥180	° C
Electrical Resistivity	ρ	25° C	<sup>5</sup> 10	Ω.m
Density	d	25° C	4.8	g/cm <sup>3</sup>

# D FLF-702

MHZ	1	6	10	25	50	100	200	300	400	500	600	800	1000
OHM	11	45	59	85	110	140	180	220	270	350	450	580	390



COILS     $\Phi 0.65$  (2EUW)\*100mm \*1Ts    METER: HP-4291B



Value mm	1	2	3	4	5	6	7	8	9	10	decide	
A	16±1.0	16.02	16.05	15.98	15.96	16.03	16.02	16.02	15.99	16.04	16.02	OK
B	14±1.0	14.01	14.03	13.98	13.96	14.02	14.02	14.02	13.98	14.03	14.02	OK
C	7±0.5	7.02	7.04	6.99	6.97	7.02	7.01	7.02	6.99	7.03	7.02	OK
D	30±1.5	30.03	30.05	30.01	29.98	30.04	30.03	30.03	30.01	30.05	30.04	OK

test condition:	$\Phi 0.65$ (2EUW) *1TS*100MM							test instrument:	HP-4291B			
25MHZ $Z1 \geq 60$	85	85	84	84	84	84	85	85	85	85	85	OK
100MHZ $Z2 \geq 130$	140	140	141	141	141	141	140	140	140	140	140	OK