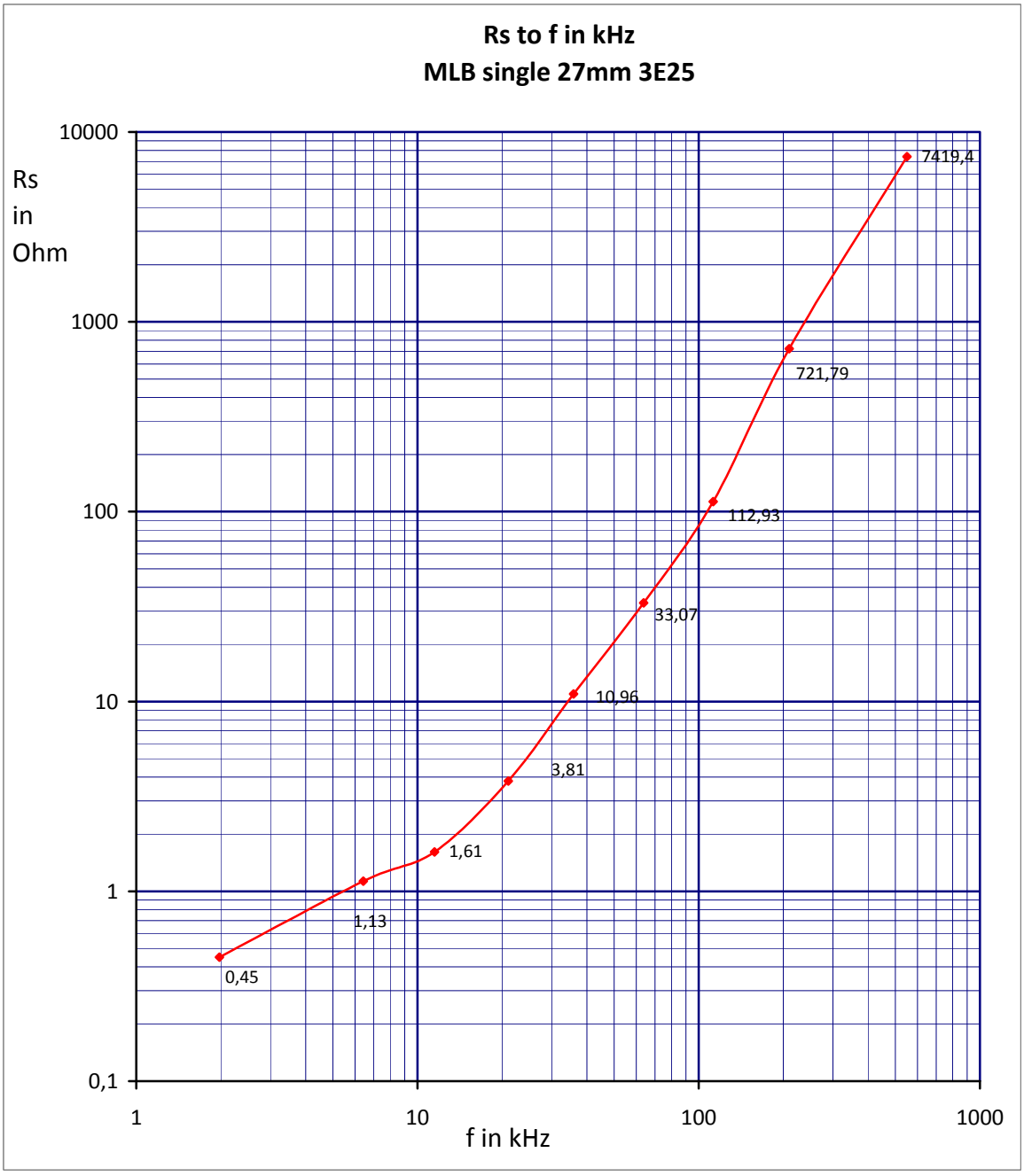
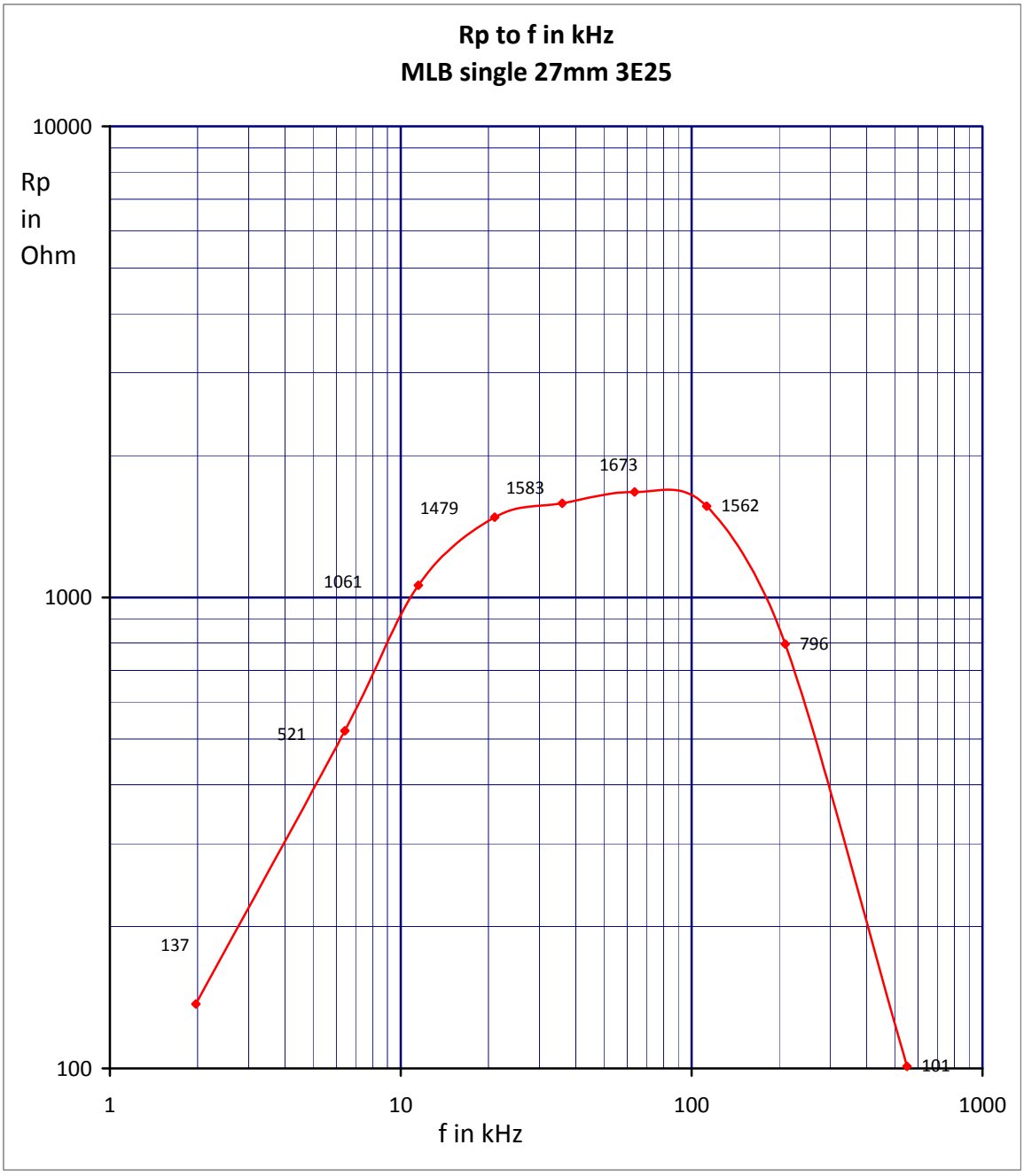
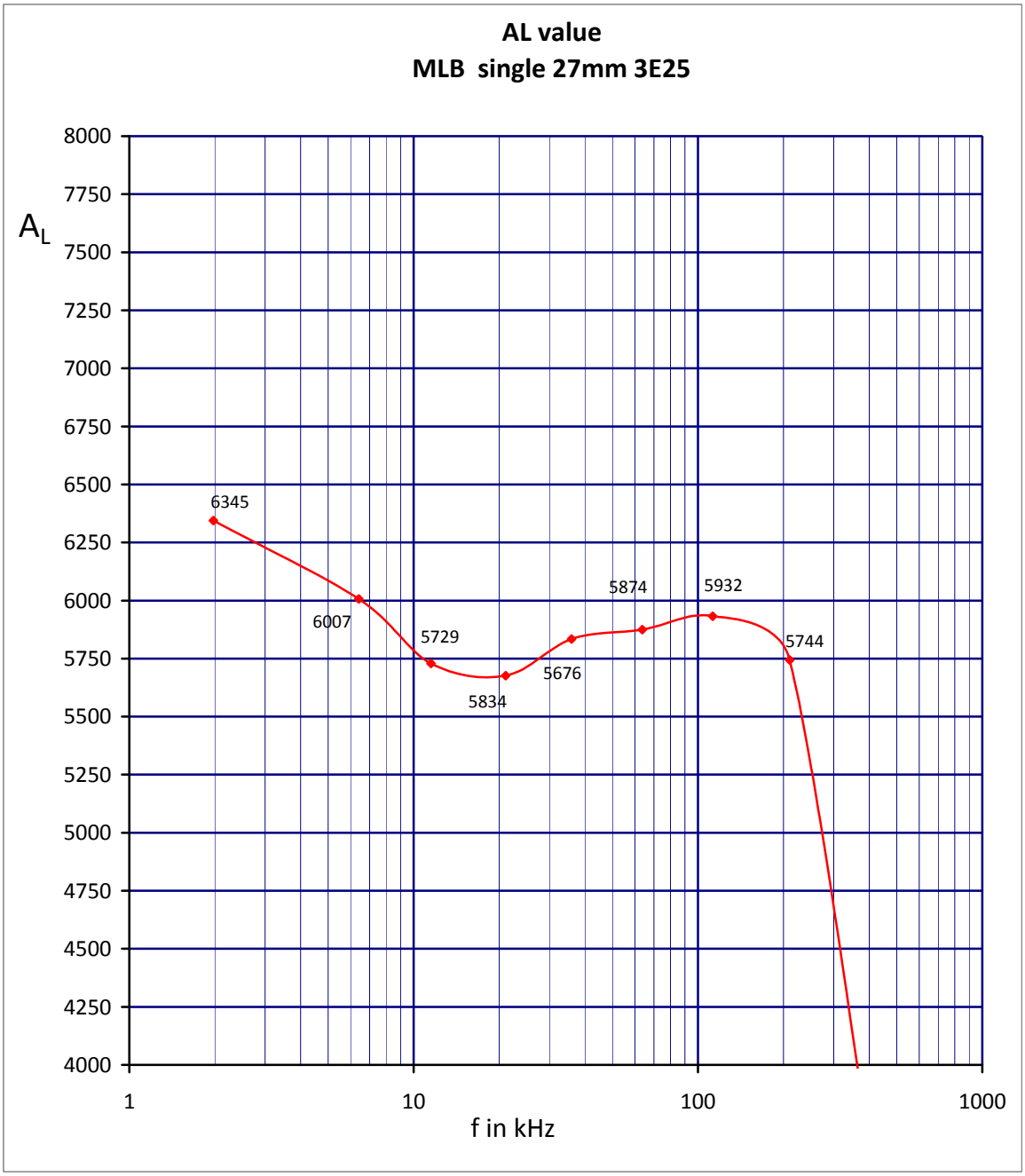
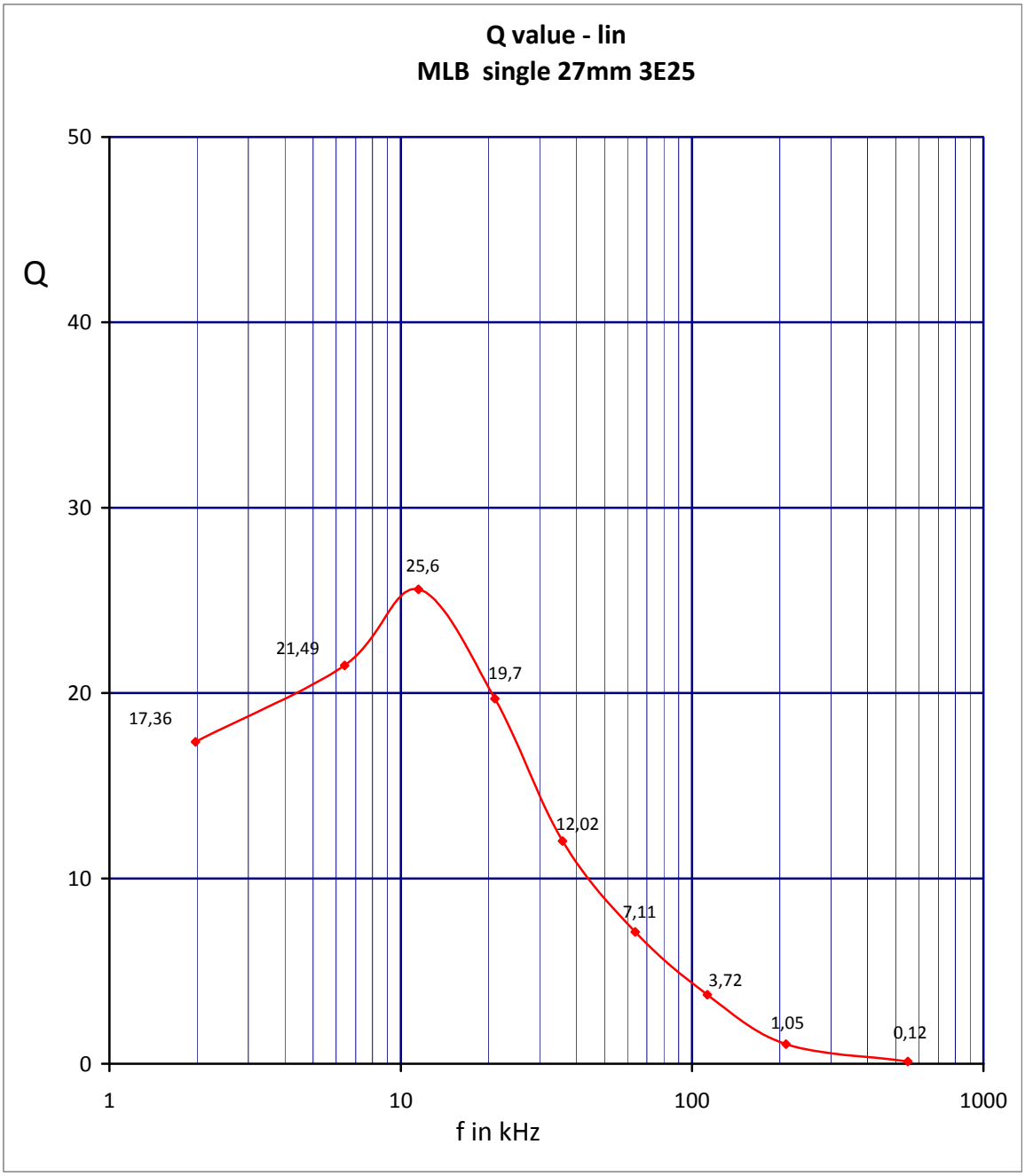
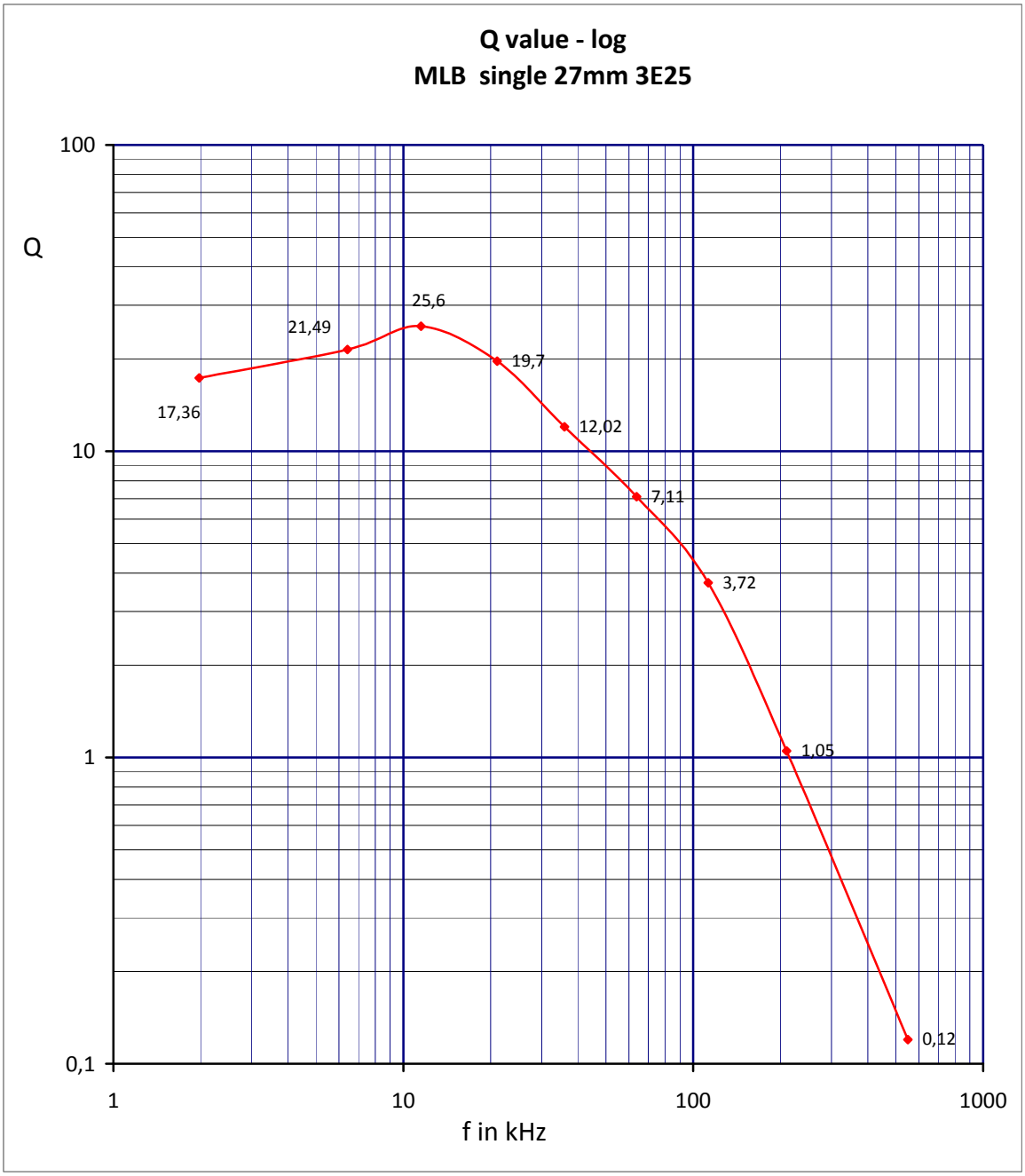

Rs to f in kHz
MLB single 27mm 3E25
Rs in Ohm
10000
1000
100
10
1
0,1
1
10
100
1000
f in kHz
0,45
1,13
1,61
3,81
10,96
33,07
112,93
721,79
7419,4


Rp to f in kHz
MLB single 27mm 3E25
10000
Rp
in
Ohm
1000
100
1
10
100
1000
f in kHz
137
521
1061
1479
1583
1673
1562
796
101


AL value
MLB single 27mm 3E25
A_L
8000
7750
7500
7250
7000
6750
6500
6250
6000
5750
5500
5250
5000
4750
4500
4250
4000
1
10
100
1000
f in kHz
6345
6007
5729
5834
5676
5874
5932
5744


Q value - lin
MLB single 27mm 3E25
Q
50
40
30
20
10
0
1
10
100
1000
f in kHz
17,36
21,49
25,6
19,7
12,02
7,11
3,72
1,05
0,12


Q value - log
MLB single 27mm 3E25
100
10
1
0,1
Q
25,6
21,49
19,7
17,36
12,02
7,11
3,72
1,05
0,12
1
10
100
1000
f in kHz

Datum:

29 – 12 –2013

RINGKERN/FERRIET INFOBLAD

Testinfo:

Fabrikant
Philips

Type / kleur
3E25

oranjerood

Maten in mm
Buiten ⌀ 27

Binnen ⌀ 14

Hoogte 11

Meetmethode			AL in	B√2			TOP	Q ==> Rs/Rp	
N	C	f_{res}	mH/1000	f_1	f_2	Q_{LC}	C / R	Rs	Rp
10	3362 pF	112,7 kHz	5932	100,6	130,9	3,72	27 pF	112,93	1562
10	10620 pF	63,72 kHz	5874	59,66	68,62	7,11	95 pF	33,07	1673
10	33630 pF	35,93 kHz	5834	34,60	37,59	12,02	330 pF	10,96	1583
10	100705 pF	21,05 kHz	5676	20,58	21,65	19,7	1045 pF	3,81	1479
10	334,3 nF	11,50 kHz	5729	11,33	11,78	25,6	3330 pF	1,61	1061
10	1023 nF	6,420 kHz	6007	6,310	6,610	21,49	10000 pF	1,13	521
10	10224 nF	1,976 kHz	6345	1,945	2,060	17,36	100000 pF	0,45	137

made with
FERRICALC
by PE1ABR

R_1

μ_{tor} / μ_1

Bijzonderheden
veel gebruikt als hoge AL ring in duo MLB set

L7 = 0,6345 mH, L6 = 0,6008 mH, L5 = 0,5729 mH, L4 = 0,5677 mH,
L2 = 0,5874 mH, L1 = 0,5932 mH, L3 = 0,5834 mH,

Datum:

29 – 12 –2013

RINGKERN/FERRIET INFOBLAD

Testinfo:

Fabrikant
Philips

Meetmethode			AL in mH/1000	B√2			TOP	Q ==> Rs/Rp	
N	C	f_{res}		f_1	f_2	Q_{LC}	C / R	Rs	Rp
10	334 pF	550 kHz	2507	290	5000	0,12	3,3 pF	7419,4	101
10	1000 pF	210 kHz	5744	165,8	365,8	1,05	10 pF	721,79	796
10	3362 pF	112,7 kHz	5932	100,6	130,9	3,72	27 pF	112,93	1562

Type / kleur
3E25

oranjerood

Maten in mm
Buiten ⌀ 27

Binnen ⌀ 14

Hoogte 11

made with
FERRICALC
by PE1ABR

R_1

μ_{tor} / μ_1

Bijzonderheden
veel gebruikt als hoge AL ring in duo MLB set

L5 = 0,5932 mH, L3 = 0,5744 mH, L2 = 0,2507 mH,