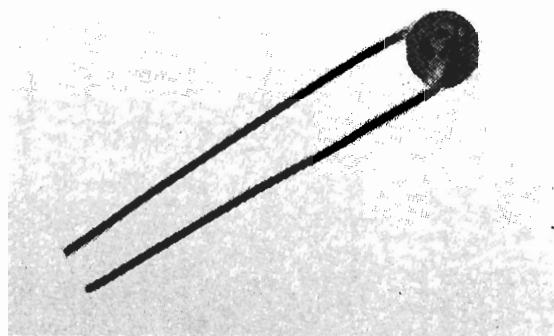


CERAMIC CAPACITORS

A type 1 disc type ceramic capacitor featuring low losses, high stability and linear temperature dependence. They are ideal for use in h.f. circuits, especially in resonant circuits where their linear temperature characteristics compensate non-linear behaviour in other components.

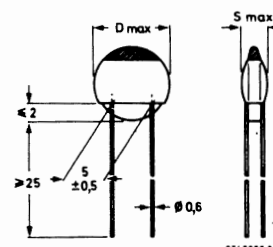


2222 625 - 626 SERIES — available versions with: ————— basic
disc — tuning; type 1 cat. No.

dimensions in mm

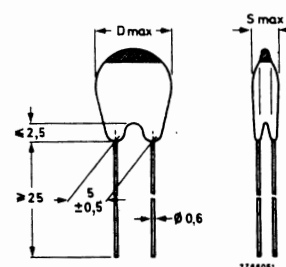
Capacitance range	0,47-100	pF
tolerance $\geq 0,47$ pF	$\pm 0,25$	pF
$\geq 2,7$ pF	$\pm 0,5$	pF
≥ 12 pF	± 5	%
Rated voltage d.c.	400	V
Test voltage d.c.	1100	V
Category temperature range	-40 to +85	°C
Temperature coefficients	see table below	
on request:	N075, N220, N470, N1500	
Insulation resistance	> 10000	M Ω
Tan δ at 1 MHz $C < 10$ pF	$< 0,01$	
$C \geq 10$ pF	$< 10 \cdot 10^{-4}$	
Climatic category IEC68	40/085/21	

2222 625
partly
insulated



size	D x S
I	5 x 3
II	5 x 3,5
III	5 x 4
IV	5 x 4,5
V	5 x 5

2222 626
insulated



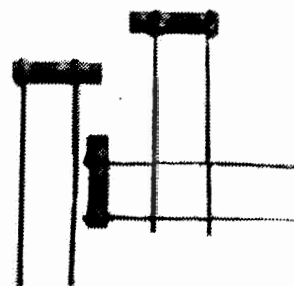
size	D x S
VI	6 x 3
VII	6 x 3,5
VIII	6 x 4
IX	8 x 3
X	9 x 3

temperature coefficient.								
capacitance	$+ 100 \times 10^{-6}/^{\circ}\text{C}$		$0 \times 10^{-6}/^{\circ}\text{C}$		$- 150 \times 10^{-6}/^{\circ}\text{C}$		$- 750 \times 10^{-6}/^{\circ}\text{C}$	
pF	top: red/violet	suffix	top: black	suffix	top: orange	suffix	top: violet	suffix
	size		size		size		size	
0,47	IV	03477						
0,75	II	03757						
1	VI	03108						
1,2	III	03128						
1,5	II	03158						
1,8	II	03188	II	09188			V	57188
2,2	VII	03228	VII	09228	V	33228	IV	57228
2,7	VI	02278	III	08278	IV	32278	III	56278
3,3	VI	02338	II	08338	III	32338	II	56338
3,9	VI	02398	VIII	08398	II	32398	VIII	56398
4,7	IX	02478	VII	08478	I	32478	VII	56478
5,6	IX	02568	VI	08568	VII	32568	VI	56568
6,8	IX	02688	VI	08688	VI	32688	III	56688
8,2	IX	02828	VI	08828	VI	32828	II	56828
10	IX	02109	VI	08109	VI	32109	I	56109
12	IX	02129	IX	08129	VI	32129	VII	56129
15	X	02159	IX	08159	IX	32159	VI	56159
18	X	02189	IX	08189	IX	32189	VI	56189
22			IX	08229	IX	32229	VI	56229
27			IX	08279	IX	32279	IX	56279
33			X	08339	IX	32339	IX	56339
39			X	08399	X	32399	IX	56399
47					X	32479	IX	56479
56							IX	56569
68							IX	56689
82							X	56829
100							X	56101

CERAMIC CAPACITORS

730730 - 02 - 05

A type 1 tubular ceramic capacitor featuring low losses, high stability and linear temperature dependence.



2222 555 SERIES

tubular – tuning: type 1

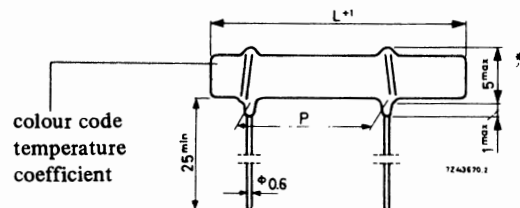
Capacitance range	0,8-820	pF
tolerance $\geq 0,8$ pF	$\pm 0,25$	pF
$\geq 2,7$ pF	$\pm 0,5$	pF
≥ 10 pF	± 5	%
Rated voltage d.c.	500	V
Test voltage d.c.	1250	V
Category temperature range	-40 to +85	°C
Temperature coefficients	see table below	
on request	P100, N033, N075, N220, N330, N470, N550	
Insulation resistance	> 10000	M Ω
Tan δ at 1 MHz C: 5 to 50 pF	$\leq (15/C + 0,7) \cdot 10^{-3}$	(C in pF)
C > 50 pF	$\leq 10 \cdot 10^{-4}$	
Climatic category IEC68	40/085/21	
Basic specification	IEC108, type 1	

basic cat. No.

2222 555

suffix
see table

max. dimensions in mm



capacitance pF	temperature coefficient:					
	$0 \times 10^{-6}/^{\circ}\text{C}$ black L x P		$-150 \times 10^{-6}/^{\circ}\text{C}$ orange L x P		$-750 \times 10^{-6}/^{\circ}\text{C}$ violet L x P	
		suffix		suffix		suffix
0,8					12 x 7,6	57807
1					12 x 7,6	57108
1,2					12 x 7,6	57128
1,5					12 x 7,6	57158
1,8	12 x 7,6	09188			12 x 7,6	57188
2,2	12 x 7,6	09228			12 x 7,6	57228
2,7	12 x 7,6	08278			12 x 7,6	56278
3,3	12 x 7,6	08338			12 x 7,6	56338
3,9	12 x 7,6	08398			12 x 7,6	56398
4,7	12 x 7,6	08478			12 x 7,6	56478
5,6	12 x 7,6	08568	12 x 7,6	32568	12 x 7,6	56568
6,8	12 x 7,6	08688	12 x 7,6	32688	12 x 7,6	56688
8,2	10 x 5,1	08828	10 x 5,1	32828	10 x 5,1	56828
10	10 x 5,1	08109	10 x 5,1	32109	10 x 5,1	56109
12	10 x 5,1	08129	10 x 5,1	32129	10 x 5,1	56129
15	10 x 5,1	08159	10 x 5,1	32159	10 x 5,1	56159
18	10 x 5,1	08189	10 x 5,1	32189	10 x 5,1	56189
22	10 x 5,1	08229	10 x 5,1	32229	10 x 5,1	56229
27	12 x 7,6	08279	12 x 7,6	32279	10 x 5,1	56279
33	12 x 7,6	08339	12 x 7,6	32339	10 x 5,1	56339
39	12 x 7,6	08399	12 x 7,6	32399	10 x 5,1	56399
47	14 x 7,6	08479	12 x 7,6	32479	10 x 5,1	56479
56	14 x 7,6	08569	14 x 7,6	32569	12 x 7,6	56569
68	16 x 10,2	08689	16 x 10,2	32689	12 x 7,6	56689
82	18 x 12,7	08829	16 x 10,2	32829	12 x 7,6	56829
100	20 x 15,2	08101	18 x 12,7	32101	12 x 7,6	56101
120	22 x 17,7	08121	20 x 15,2	32121	14 x 7,6	56121
150	26 x 20,3	08151	24 x 17,7	32151	16 x 10,2	56151
180	30 x 20,3	08181	26 x 20,3	32181	18 x 12,7	56181
220	34 x 25,4	08221	30 x 20,3	32221	20 x 15,2	56221
270			36 x 25,4	32271	22 x 17,7	56271
330					24 x 17,7	56331
390					28 x 20,3	56391
470					32 x 25,4	56471
560					38 x 30,5	56561
680					44 x 35,6	56681
820					52 x 40,6	56821