

aluminium electrolytic

2222 108 — small

For long life applications.



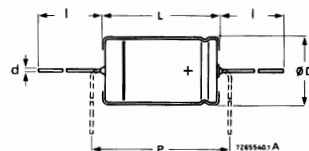
Nominal capacitance range (E6 series)	2,2 to 2200 μF
Tolerance on nominal capacitance	-10 to +50%
Rated voltage range, U_R (R5 series)	6,3 to 63 V
Category temperature range	-40 to +85 °C
Typical life time at 85 °C,	> 7500 h
U_R applied	> 10000 h
Basic specifications	IEC 103, type 1 DIN 41240 (1A) DEF 5134-1 NF C 93-110 (type 1)
Climatic category IEC 68	40/085/56
DIN 40040	GPF (56 days)
NF C 93-001	554

Selection chart for C_{nom} — U_R and relevant case sizes

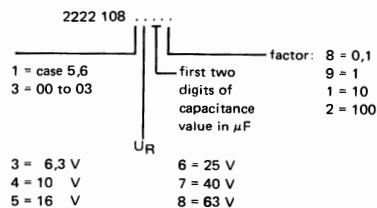
C_{nom} μF	U_R (V)					
	6,3	10	16	25	40	63
2,2						5
3,3						5
4,7						5
6,8						5
10						5
15					5	6
22					5	6
33				5	6	00
47				5	6	00
68			5			00 01
100		5		6		01 02
150	5		6	00		01 03
220		6	00	01		02
330	6	00			03	
470	00		01	02		
680		01	02	03		
1000	01	02	03			
1500	02	03				
2200	03					

Dimensions (mm)

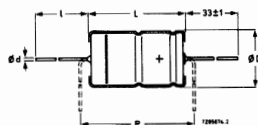
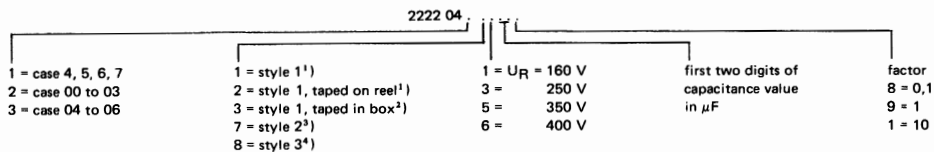
case	d	l min	D max	L max	P min
5	0,8	32	8,5	22,5	28
6	0,8	32	10,5	22,5	28
00	0,8	54	10,5	30,5	35
01	0,8	54	13,0	30,5	35
02	0,8	54	15,5	30,5	35
03	0,8	54	18,5	30,5	35



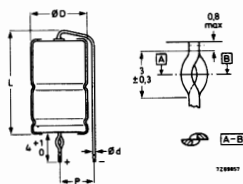
Composition of the catalogue no.



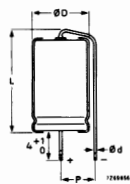
Composition of the catalogue no.



style 1
axial leads



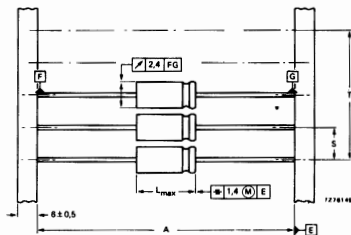
style 2
single ended and
self locking



style 3
single ended

case size	A	S	L _{max}	T	
				n < 50	50 < n < 100
4, 5	73 ± 1,6	10 ± 0,4	18,5	10(n - 1) ± 2	10(n - 1) ± 4
6	73 ± 1,6	15 ± 0,75	18,5	15(n - 1) ± 2	15(n - 1) ± 4
7	83 ± 1,6	15 ± 0,75	25	15(n - 1) ± 2	15(n - 1) ± 4

n = number of capacitors.



¹⁾ Only for 042 and 043.

²⁾ Only for 041, taped in box is preferred.

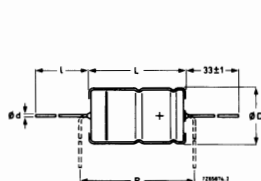
³⁾ Preferred for 042 and 043.

⁴⁾ Preferred for 041.

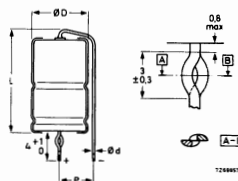
Composition of the catalogue no.

2222 01				
5 = case 3	1 = style 1 ¹⁾	2 = $U_R = 4 \text{ V}$	first two digits of capacitance value in μF	factor 7 = 0,01 8 = 0,1 9 = 1 1 = 10 2 = 100 3 = 1000
6 = case 4, 5, 6, 7	2 = style 1, taped on reel ²⁾	3 = 6,3 V		
7 = case 00, 01, 02, 03, 04, 05, 06	3 = style 1, taped in box ³⁾	4 = 10 V		
	7 = style 2 ³⁾	5 = 16 V		
	8 = style 3 ⁴⁾	6 = 25 V		
		7 = 40 V		
		8 = 63 V		
		9 = 100 V		

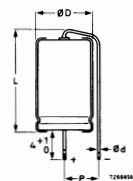
Example: the catalogue no. of a capacitor of $1 \mu\text{F}$, 63 V, taped on reel,
axial leads is 2222 015 28108.



style 1
axial leads



style 2
single ended and
self locking



style 3
single ended

case size	A	S	L _{max}	T	
				n < 50	50 < n < 100
3	63,5 ± 1,6	10 ± 0,4	10,5	10(n - 1) ± 2	10(n - 1) ± 4
5a	63,5 ± 1,6	10 ± 0,4	11,5	10(n - 1) ± 2	10(n - 1) ± 4
4, 5	73 ± 1,6	10 ± 0,4	18,5	10(n - 1) ± 2	10(n - 1) ± 4
6	73 ± 1,6	15 ± 0,75	18,5	15(n - 1) ± 2	15(n - 1) ± 4
7	83 ± 1,6	15 ± 0,75	25	15(n - 1) ± 2	15(n - 1) ± 4

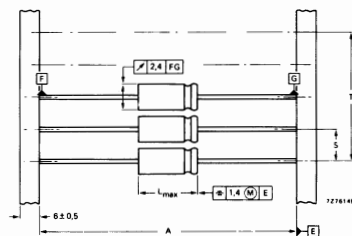
n = number of capacitors.

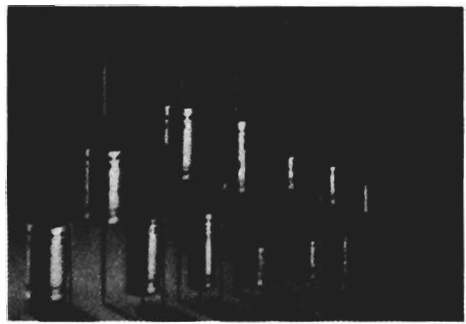
¹⁾ Only for 017.

²⁾ Only for 015 and 016:
taped on reel is preferred for 015;
taped in box is preferred for 016;

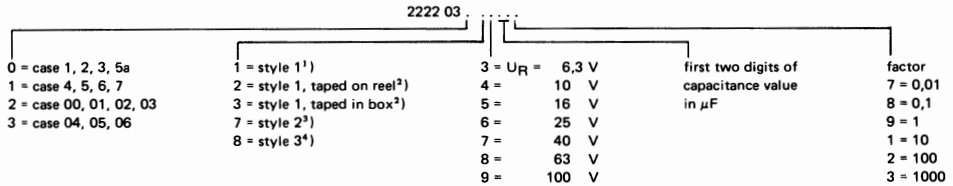
³⁾ Preferred for 017.

⁴⁾ Preferred for 015 and 016.

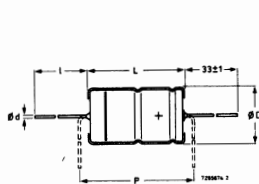




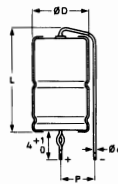
Composition of the catalogue no.



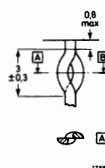
Example: the catalogue no. of a capacitor of 1 μF , 63 V, taped in box, axial leads is 2222 030 38108.



style 1
axial leads



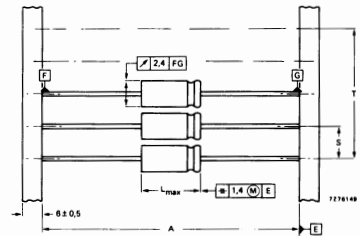
style 2
single ended and
self locking



style 3
single ended

case size	A	S	L-max	T	
				n < 50	50 < n < 100
1	63,5 ± 1,6	5 ± 0,4	11	5(n - 1) ± 2	5(n - 1) ± 4
2	63,5 ± 1,6	5 ± 0,4	10,5	5(n - 1) ± 2	5(n - 1) ± 4
3	63,5 ± 1,6	10 ± 0,4	10,5	10(n - 1) ± 2	10(n - 1) ± 4
5a	63,5 ± 1,6	10 ± 0,4	11,5	10(n - 1) ± 2	10(n - 1) ± 4
4, 5	73 ± 1,6	10 ± 0,4	18,5	10(n - 1) ± 2	10(n - 1) ± 4
6	73 ± 1,6	15 ± 0,75	18,5	15(n - 1) ± 2	15(n - 1) ± 4
7	83 ± 1,6	15 ± 0,75	25	15(n - 1) ± 2	15(n - 1) ± 4

n = number of capacitors.



- ¹⁾ Only for 032 and 033.
²⁾ Only for 030 and 031:
taped on reel is preferred for 030;
taped in box is preferred for 031;
³⁾ Preferred for 032 and 033.
⁴⁾ Preferred for 030 and 031.