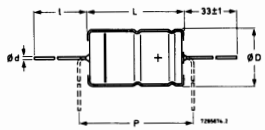
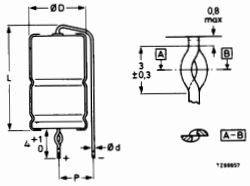
Composition of the catalogue no.

2222 04 . . . .

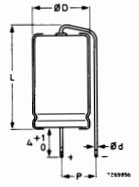
1 = case 4, 5, 6, 7 2 = case 00 to 03 3 = case 04 to 06	1 = style 1[1]) 2 = style 1, taped on reel[1]) 3 = style 1, taped in box[2]) 7 = style 2[3]) 8 = style 3[4])	1 = U_R = 160 V 3 = 250 V 5 = 350 V 6 = 400 V	first two digits of capacitance value in μF	factor 8 = 0,1 9 = 1 1 = 10



style 1
axial leads



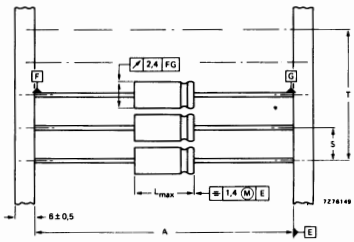
style 2
single ended and
self locking



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.

electrolytic and solid capacitors

aluminium electrolytic

2222 015/016/017 — miniature/small

Low-voltage capacitors for general industrial applications.

Nominal capacitance range (E6 series)	0,33 to 10 000 µF
Tolerance on nominal capacitance	−10 to +50%
Rated voltage range, U_R (R5 series)	4 to 63 V
Case sizes	3, 4, 5, 6, 7, 00 to 06
Category temperature range	−40 to +85 °C
Endurance test at 85 °C, U_R applied	2000 h
Basic specification	IEC 103, type 1
Climatic category IEC 68	40/085/56

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

C_{nom} µF	U_R (V)						
	4	6,3	10	16	25	40	63
0,33							3
0,47							3
0,68							3
1							3
1,5							3
2,2							3
3,3							3
4,7							3
6,8							3
10							3
15						3	4
22					3	4	5
33				3		4	
47			3		4	5	6
68		3		4			7/00
100	3		4		5	6	01
150		4		5	6	7/00	01
220	4		5	6	7/00	01	02
330	5		6	7/00			03
470		6	7/00		01	02	
680		7/00		01	02	03	
1000	7/00		01	02	03	04	06
1500		01	02	03			
2200		02	03		05	06	
3300		03					
4700	03		04	05			
6800							
10000	05		06				

Dimensions (mm)

case	style	d	l min	D max	L max	P min
3	1	0,6	32	6,1	10,5	15
3	3	0,6	–	6,1	12,5	5
4	1	0,8	34	6,7	18,5	25
4	2,3	0,8	–	6,7	21,5	5
5	1	0,8	34	8,3	18,5	25
5	2,3	0,8	–	8,3	21,5	5
6	1	0,8	34	10,3	18,5	25
6	2,3	0,8	–	10,3	21,5	7,5
7	1	0,8	41,5	10,3	25	30
7	2,3	0,8	–	10,3	28,5	7,5
00	1	0,8	54	10,5	30,5	35
00	2,3	0,8	–	10,5	34	7,5
01	1	0,8	54	13	30,5	35
01	2,3	0,8	–	13	34	7,5
02	1	0,8	54	15,5	30,5	35
02	2,3	0,8	–	15,5	34	10
03	1	0,8	54	18,5	30,5	35
03	2,3	0,8	–	18,5	34	10
04	1	0,8	33	18,5	41,5	45
04	2,3	0,8 *	–	18,5	45	10
05	1	0,8	33	21,5	41,5	45
05	2,3	0,8 *	–	21,5	45	12,5
06	1	0,8	33	25,5	41,5	45

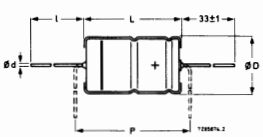
* Anode lead, d = 1,0.

Composition of the catalogue no.

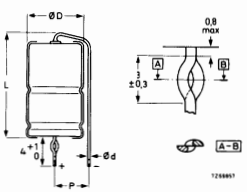
2222 01 . . . . .

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

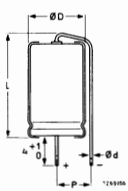
Example: the catalogue no. of a capacitor of 1 µF, 63 V, taped on reel, axial leads is 2222 015 28108.



style 1
axial leads



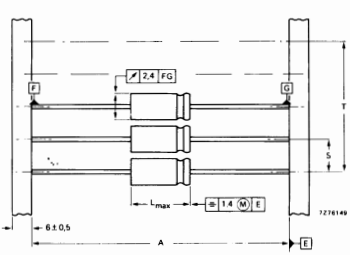
style 2
single ended and
self locking



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.