

CHIP TYPE SERIES

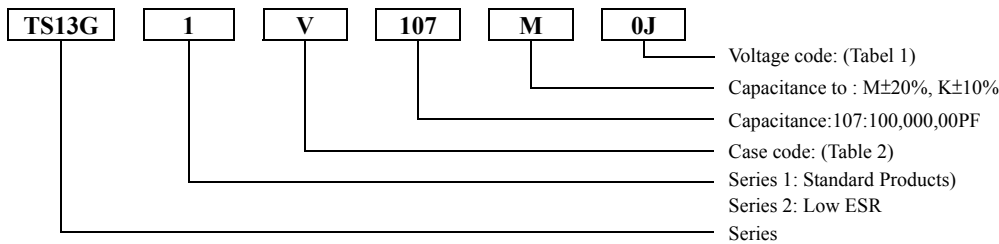
# TS13G

## Product Standard

### 1. Standard source

Q/GGDZ 001-2005 《Polymer solid-chip aluminum electrolytic capacitors》 standard is drew up according to international standard IEC384-18 《Fixed capacitors for use in electronic equipment Part 18: Sectional specification, Fixed aluminum electrolytic chip capacitors with solid and non-solid electrolyte》. The superior standard is GB/T 2693-2001 《Fixed capacitors for use in electronic equipment Part 1: Generic specification》.

### 2. Explanation of part numbers



Rated voltage code (Table 1)

Rated voltage (V)	2	2.5	4	6.3	8	10	12.5	16
Voltage code	0D	0E	0G	0J	0K	1A	1B	1C

### 3. Configuration and dimension

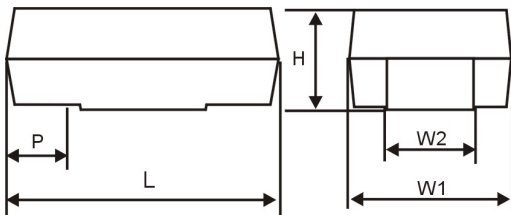


Table 2

Unit : mm

Case code		L±0.3	W1±0.3	H	P±0.3	W2±0.1
TS13G	EIA					
V	7343-21	7.3	4.3	1.9±0.2	1.3	2.4
D	7343-31	7.3	4.3	2.8±0.3	1.3	2.4
E	7343-43	7.3	4.3	4.0±0.3	1.3	2.4

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4. Product list

Series 1 (Standard Products)

Size code	Part number	Rated voltage (V.DC)	Rated capacitance 100Hz/20°C (μF)	tgδ 100Hz/20°C max	L.C. max (μA)	ESR 100kHz/20°C max (mΩ)	Rated ripple current 100kHz/20-105°C max (A)
V	TS13G1V127M0D	2.0	120	0.06	9.6	80	1.1
	TS13G1V157M0D	2.0	150	0.06	12.0	80	1.1
	TS13G1V566M0G	4.0	56	0.06	9.0	80	1.1
	TS13G1V826M0G	4.0	82	0.06	13.1	80	1.1
	TS13G1V336M0J	6.3	33	0.06	8.3	80	1.1
	TS13G1V476M0J	6.3	47	0.06	11.8	80	1.1
	TS13G1V226M1A	10.0	22	0.06	8.8	80	1.1
	TS13G1V336M1A	10.0	33	0.06	13.2	80	1.1
	TS13G1V126M1B	12.5	12	0.06	6.0	100	0.9
	TS13G1V226M1B	12.5	22	0.06	11.0	80	1.1
D	TS13G1D227M0D	2.0	220	0.06	17.6	60	1.3
	TS13G1D277M0D	2.0	270	0.06	21.6	60	1.3
	TS13G1D127M0G	4.0	120	0.06	19.2	60	1.3
	TS13G1D157M0G	4.0	150	0.06	24.0	60	1.3
	TS13G1D686M0J	6.3	68	0.06	17.1	60	1.3
	TS13G1D107M0J	6.3	100	0.06	25.2	60	1.3
	TS13G1D476M1A	10.0	47	0.06	18.8	60	1.3
	TS13G1D686M1A	10.0	68	0.06	27.2	60	1.3

Series 2 (Low ESR)

Size code	Part number	Rated voltage (V.DC)	Rated capacitance 100Hz/20°C (μF)	tgδ 100Hz/20°C max	L.C. max (μA)	ESR 100kHz/20°C max (mΩ)	Rated ripple current 100kHz/20-105°C max (A)
V	TS13G2V127M0D	2.0	120	0.06	9.6	60	1.2
	TS13G2V157M0D	2.0	150	0.06	12.0	45	1.4
	TS13G2V566M0G	4.0	56	0.06	9.0	60	1.2
	TS13G2V826M0G	4.0	82	0.06	13.1	45	1.4
	TS13G2V336M0J	6.3	33	0.06	8.3	60	1.2
	TS13G2V476M0J	6.3	47	0.06	11.8	45	1.4
	TS13G2V226M1A	10.0	22	0.06	8.8	60	1.2
	TS13G2V336M1A	10.0	33	0.06	13.2	45	1.4
	TS13G2V126M1B	12.5	12	0.06	6.0	80	1.1
	TS13G2V226M1B	12.5	22	0.06	11.0	60	1.2
D	TS13G2V475M1C	16.0	4.7	0.04	3.0	100	0.9
	TS13G2V106M1C	16.0	10	0.06	6.4	80	1.1
	TS13G2D227M0D	2.0	220	0.06	17.6	30	1.8
	TS13G2D277M0D	2.0	270	0.06	21.6	30	1.8
	TS13G2D127M0G	4.0	120	0.06	19.2	30	1.8
	TS13G2D157M0G	4.0	150	0.06	24.0	30	1.8
	TS13G2D686M0J	6.3	68	0.06	17.1	40	1.6
	TS13G2D107M0J	6.3	100	0.06	25.2	30	1.8
	TS13G2D476M1A	10.0	47	0.06	18.8	40	1.6
	TS13G2D686M1A	10.0	68	0.06	27.2	30	1.8

Note: Specification are subject to change without notice. For more detail and update, please visit our website.