

New product:

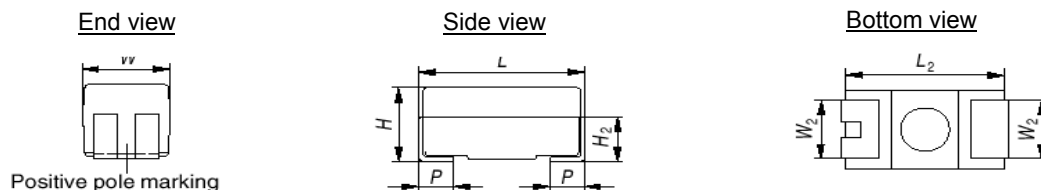
Polymer Chip Capacitor

- Very low ESR: 35mΩ
- High permissible ripple current: 1700 mArms @100kHz, +20°C to +105°C
- High ESR stability during temperature rise

Features:

- Operating voltage U_r : 2.5V – 6.3V
- Temperature range: -55°C – 105°C
- Capacitance range: 150 μF – 470 μF
- ESR: 35mΩ...45mΩ

Outline Drawing:



Dimensions:

Case size		Dimensions in mm (inches)						
EPCOS	EIA/ IECQ	L	W	H	L_2 typ.	$W_2 \pm 0.1$ $\pm (.004)$	H_2 typ.	$P \pm 0.3$ $\pm (.12)$
V	7343L	7.3 ± 0.3 (.236 $\pm$ 0.12)	4.3 ± 0.3 (.169 $\pm$ 0.12)	1.9 ± 0.1 (.079 max)	7.1 (.280)	2.4 (.094)	1.6 (.062)	1.3 (.051)
D	7343	7.3 ± 0.3 (.236 $\pm$ 0.12)	4.3 ± 0.3 (.169 $\pm$ 0.12)	2.8 ± 0.3 (.110 $\pm$.012)	7.1 (.280)	2.4 (.094)	1.6 (.062)	1.3 (.051)
E	7343H	7.3 ± 0.3 (.236 $\pm$ 0.12)	4.3 ± 0.3 (.169 $\pm$ 0.12)	4.1 ± 0.3 (.157 $\pm$.012)	7.1 (.280)	2.4 (.094)	1.6 (.062)	1.3 (.051)

Part Number Reference:

Part Number	C_R in μF	Rated Voltage U_R in VDC up to +85°C (+105°C)	Dissipation factor in % @ 20°C, 120Hz	Leakage Current in μA, max. 20°C, U_R , 5 min	ESR in mΩ, max 20°C, 100 kHz	Case size
B45294-R9227-M406	220	2.5 (2)	10	55	≤ 45	V
B45296-R 477-M406	470	4 (3.2)	10	188	≤ 40	D
B45294-R 227-M406	220	4 (3.2)	10	88	≤ 45	V
B45296-R1477-M506	470	6.3 (5)	10	296	≤ 35	E
B45296-R1337-M406	330	6.3 (5)	10	208	≤ 40	D
B45294-R1157-M406	150	6.3 (5)	10	94.5	≤ 45	V

Upon request

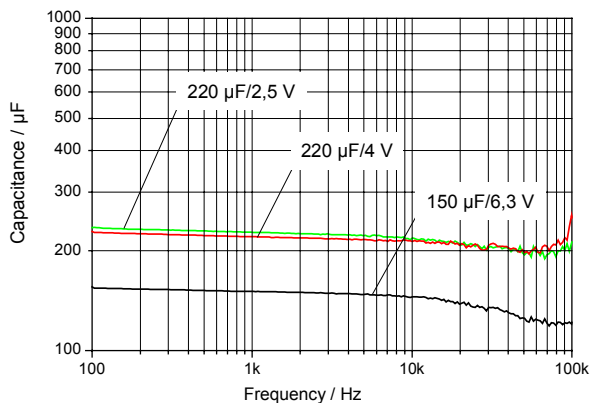
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Characteristic curves

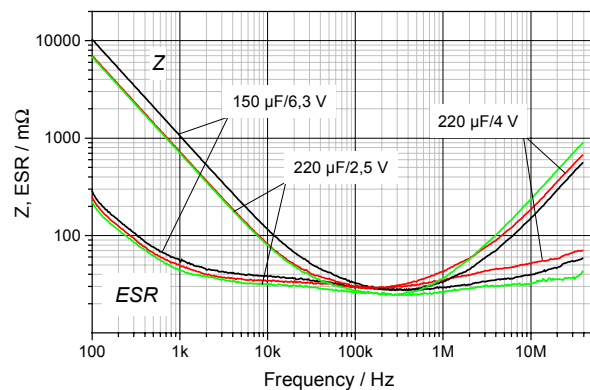
Capacitance change versus frequency

Reference temperature 20°C; Case size V



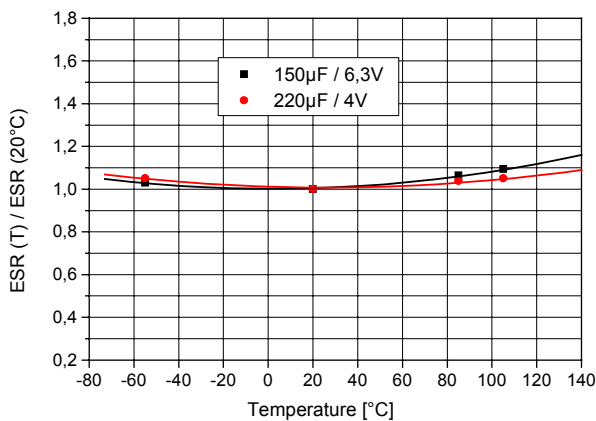
Impedance Z and ESR versus frequency

Reference Temperature 20°C; Case size V



ESR versus temperature T

Case size V



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