



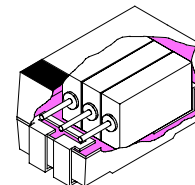
Tantalum Chip Capacitors

B45396

Multiple Anode

New product:

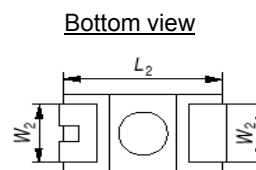
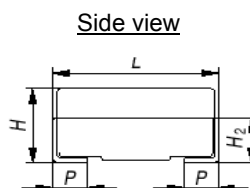
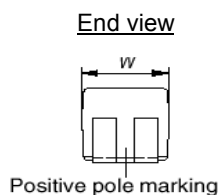
Tantalum Multiple Anode



- Very Low ESR $\leq 30\text{m}\Omega$
- Up to 3 A rms Ripple Current
- 100% Inrush Tested

Features:

- Rated voltage V_R : 4V – 10V
- Temperature range: -55°C – 125°C
- Rated Capacitance C_R : 330 μF – 1000 μF
- Standard Case Size E / 7343H

Dimensional 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 $\pm 0,3$ $\pm (.12)$
E	7343H	7,3 $\pm 0,3$ (,236 $\pm 0,12$)	4,3 $\pm 0,3$ (,169 $\pm 0,12$)	4,1 $\pm 0,3$ (,157 $\pm 0,12$)	7,1 (,280)	2,4 (,094)	1,6 (,062)	1,3 (,051)

Part Number Reference:

Part Number	C_R in μF	Rated Voltage V_R in VDC up to 85°C (125°C)	DF % @ 25°C 120 Hz Max	DC Leakage Current μA @ 25°C , U_R , 5 min, Max	ESR $\text{m}\Omega$ @ 25°C 100 kHz Max	Ripple Current A rms @ 25°C 100 kHz Max	Case Size
B45396-R0687-+50*	680	4 (2.5)	6.0	27.2	30	3.0	E
B45396-A0687-+50*	680	4 (2.5)	6.0	27.2	40	2.6	E
B45396-R0108-+50*	1000	4 (2.5)	8.0	40.0	35	2.8	E
B45396-R1477-+50*	470	6.3 (4)	6.0	28.2	30	3.0	E
B45396-A1477-+50*	470	6.3 (4)	6.0	28.2	40	2.6	E
B45396-R2337-+50*	330	10 (6.3)	6.0	33.0	35	2.8	E
B45396-A2337-+50*	330	10 (6.3)	6.0	33.0	45	2.5	E

+ Code letter for capacitance tolerance: M = $\pm 20\%$, K = $\pm 10\%$

* Code number for reel diameter: 9 = 180mm, 6 = 330mm

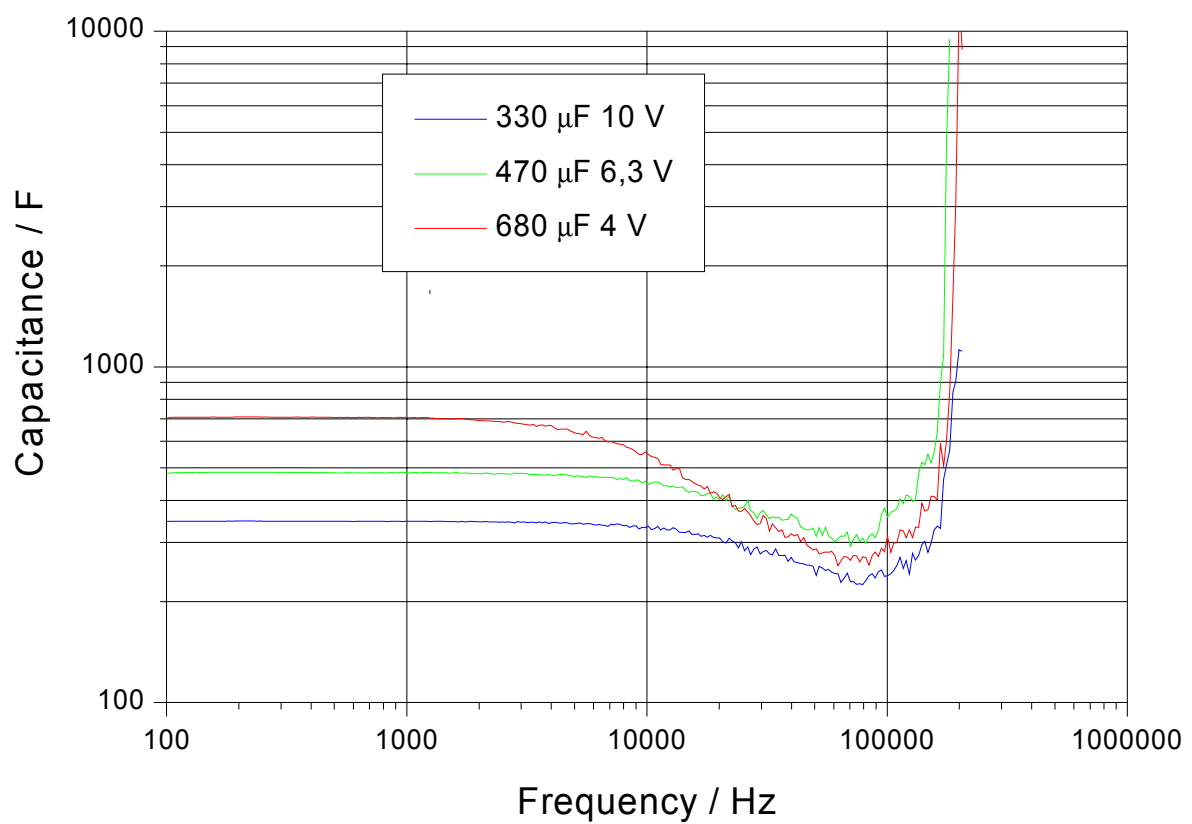
Upon Request



Capacitance change versus frequency

Typical behavior

Reference temperature 25°C





Tantalum Chip Capacitors

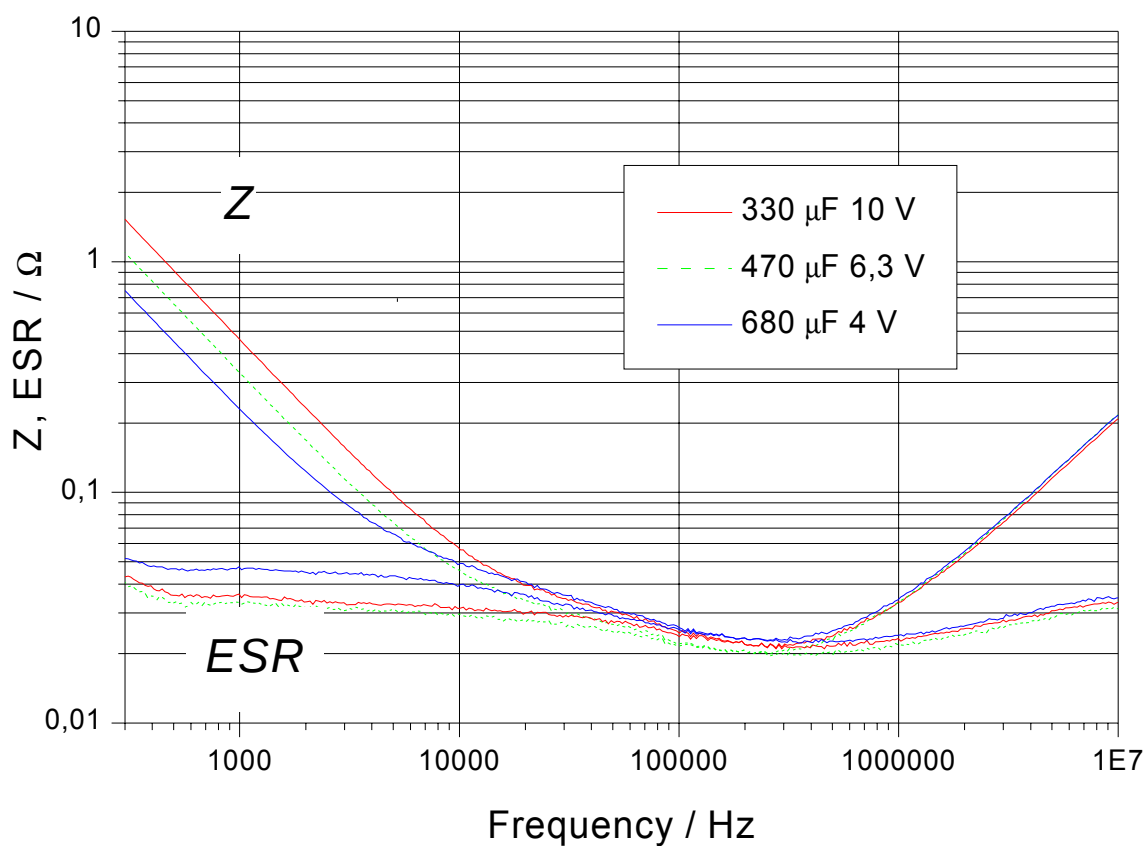
B45396

Multiple Anode

Impedance Z and ESR versus frequency

Typical behavior

Reference temperature 25°C



© EPCOS AG 2001. All Rights Reserved. Reproduction, publication and dissemination of this data sheet, enclosures hereto and the information contained therein without EPCOS' prior express consent is prohibited.

The information contained in this data sheet describes the type of component and shall not be considered as guaranteed characteristics. For general technical information refer to the data book of Tantalum. Purchase orders are subject to the General Conditions for the Supply of Products and Services of the Electrical and Electronics Industry recommended by the ZVEI (German Electrical and Electronic Manufacturers' Association), unless otherwise agreed.