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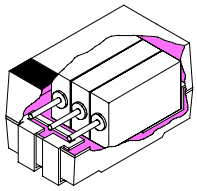
EPCOS

New product:

Tantalum Multiple Anode



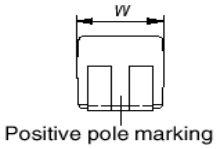
- **Very Low ESR ≤ 30mΩ**
- **Up to 3 A rms Ripple Current**
- **100% Inrush Tested**

Features:

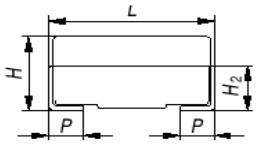
- Rated voltage V_R: 4V – 10V
- Rated Capacitance C_R: 330 µF – 1000 µF
- Temperature range: -55°C – 125°C
- Standard Case Size E / 7343H

Dimensional Drawing:

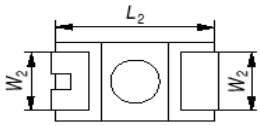
End view



Side view



Bottom view



Dimensions:

Case size		Dimensions in mm (inches)						
EPCOS	EIA/ IECQ	L	W	H	L_2 typ.	W_2 ± 0,1 ± (,004)	H_2 typ.	P ± 0,3 ± (,12)
E	7343H	7,3 ± 0,3 (,236 ± 0,12)	4,3 ± 0,3 (,169 ± 0,12)	4,1 ± 0,3 (,157 ± ,012)	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 mΩ @ 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 = ± 20 %, K = ± 10 %
* Code number for reel diameter: 9 =180mm, 6= 330mm

Upon Request

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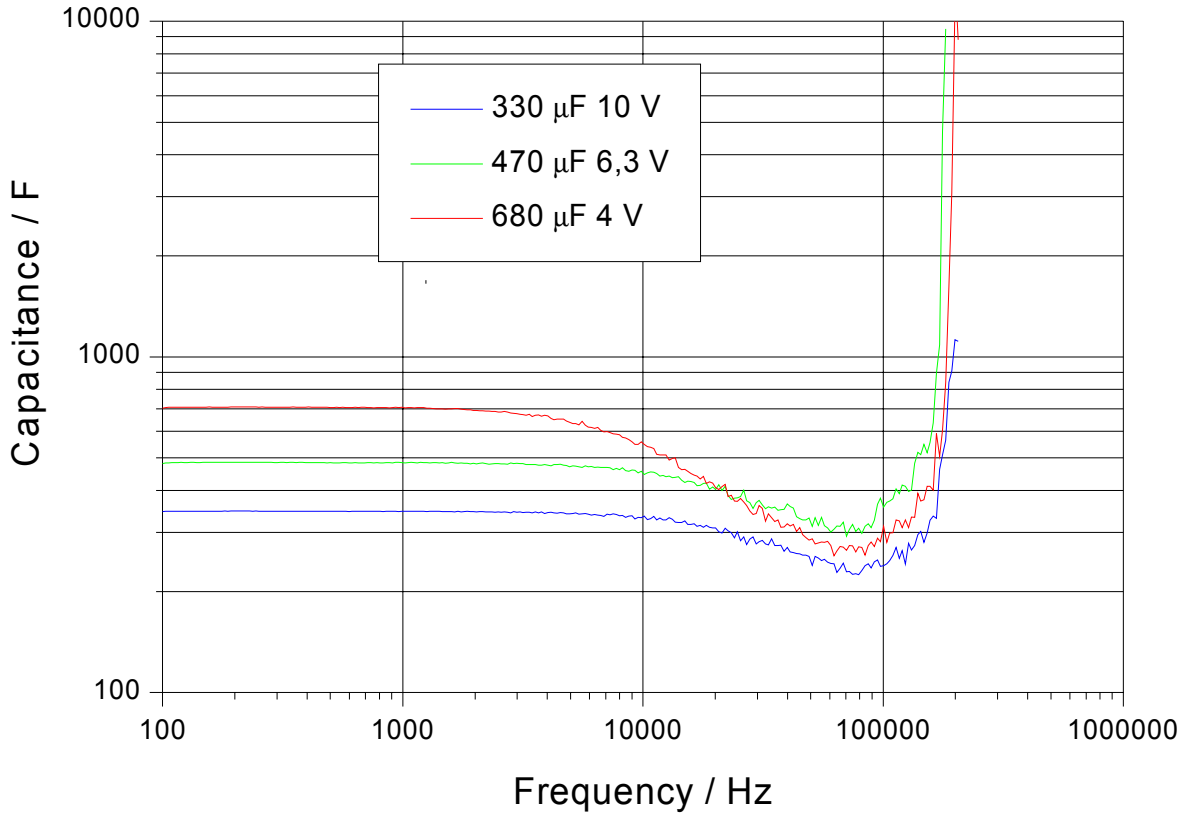
Capacitance change versus frequency

Typical behavior

Reference temperature 25°C



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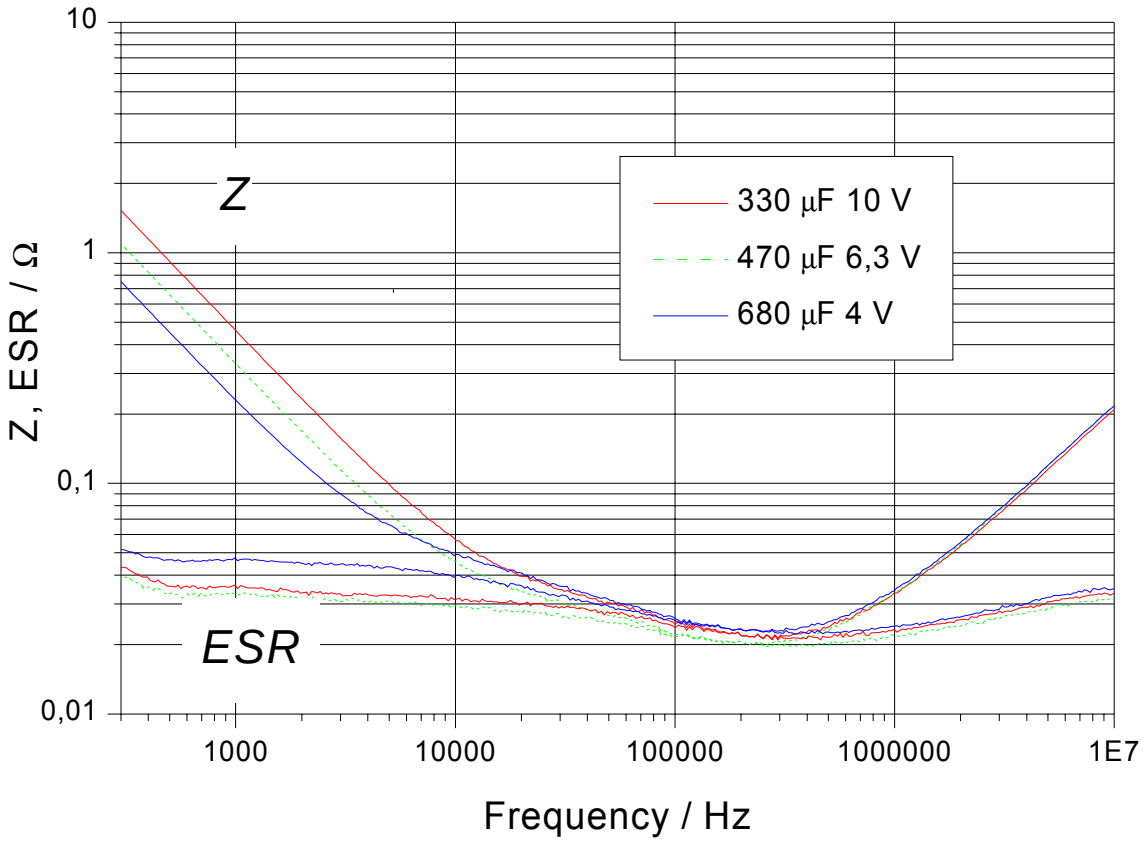
Impedance Z and ESR versus frequency

Typical behavior

Reference temperature 25°C



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