

Surface Mount Type

Series: CD/UD/UE

Type: XR

SP-Cap

Japan



- Features
 - Lower ESR
 - Higher Ripple Current

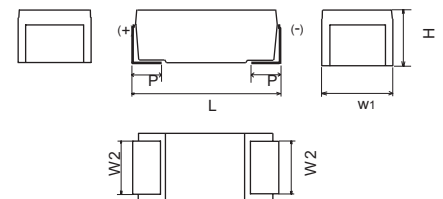
■ Specifications

Operating Temp. Range	-40 to +105°C
Rated W.V. Range	2 to 8 V. DC
Nominal Cap. Range	33 to 390 μ F
Capacitance Tolerance	± 20 % (120Hz/+20°C)
DC Leakage Current	$I < 0.06$ CV after 2 minutes (2W.V., 2.5W.V., 4W.V.), $I < 0.04$ CV after 2 minutes (6.3W.V., 8W.V.)
Dissipation Factor	0.06 max (CD), 0.10 max (UD/UE) (120Hz / +20°C)
Surge Voltage	Rated Working Voltage $\times 1.25$ (+15 to +35°C)
Endurance	After applying rated working voltage for 1000 hours at + 105 ± 2 °C, and then being stabilized at +20°C, the capacitor shall meet the following limits.
	Capacitance change ± 10 % of initial measured value
	D.F. $\leq$ Initial specified value
	DC leakage current $\leq$ Initial specified value
Moisture Resistance	After storing for 500 hours at +60°C, 90%R.H.
	Capacitance change 2, 2.5W.V.: +70%,-20%, 4W.V.: +60%,-20%, 6.3W.V.: +50%,-20%, 8W.V.: +40%,-20% of initial measured value.
	D.F. ≤ 200 % of initial specified value
	DC leakage current Initial specified value

■ Standard product

Series	Rated W.V. (V.DC)	Capacitance (± 20 %) (μ F)	Specification		Part Number	Min Pkg Q'ty (pcs)
			Ripple Current (A r.m.s./100kHz) +20 to 105°C	ESR (Ω) Max. (100kHz/+20°C)		
CD	2	100	2.7	0.015	EEFCD0D101XR	3500
		120	2.7	0.015	EEFCD0D121XR	3500
	2.5	82	2.7	0.015	EEFCD0E820XR	3500
		100	2.7	0.015	EEFCD0E101XR	3500
	4	56	2.7	0.015	EEFCD0G560XR	3500
		68	2.7	0.015	EEFCD0G680XR	3500
	6.3	82	2.7	0.015	EEFCD0G820XR	3500
		47	2.7	0.015	EEFCD0J470XR	3500
	8	68	2.7	0.015	EEFCD0J680XR	3500
		33	2.7	0.015	EEFCD0K330XR	3500
UD	2	270	3.3	0.012	EEFUD0D271XR	2000
		220	3.3	0.012	EEFUD0D221XR	2000
	2.5	220	3.3	0.012	EEFUD0E221XR	2000
		180	3.3	0.012	EEFUD0E181XR	2000
	4	150	3.3	0.012	EEFUD0G151XR	2000
		120	3.3	0.012	EEFUD0G121XR	2000
	6.3	120	3.3	0.012	EEFUD0J121XR	2000
		100	3.3	0.012	EEFUD0J101XR	2000
	8	68	3.3	0.012	EEFUD0K680XR	2000
		390	3.5	0.010	EEFUE0D391XR	2000
UE	2	330	3.5	0.010	EEFUE0D331XR	2000
		270	3.5	0.010	EEFUE0E271XR	2000
	2.5	330	3.5	0.010	EEFUE0E331XR	2000
		220	3.5	0.010	EEFUE0G221XR	2000
	4	180	3.5	0.010	EEFUE0G181XR	2000
		150	3.5	0.010	EEFUE0J151XR	2000
	6.3	150	3.5	0.010	EEFUE0J151XR	2000
		100	3.5	0.010	EEFUE0K101XR	2000
	8	100	3.5	0.010	EEFUE0K101XR	2000
		100	3.5	0.010	EEFUE0K101XR	2000

■ Dimensions in mm (not to scale)



Series	L ± 0.2	W1 ± 0.2	W2 ± 0.1	H ± 0.1	P ± 0.3
CD	7.3	4.3	2.4	1.8	1.3
UD	7.3	4.3	2.4	2.8 ^{max}	1.3
UE	7.3	4.3	2.4	4.2	1.3

■ Marking

