

**Line up**

■ Long life products

Series	Part No.	Feature	Low profile	Low ESR	Low ESL	Large cap.	High temp.	Long life	High voltage	Category temperature (°C)	Rated voltage (V)	ESR (mΩ)	Capacitance (μF)	Size (mm)
														L x W
														7.3x4.3
														H
UPDATE JX	EEFJX---	Guaranteed at 125 °C 3000 h		●				●	●	-55 to 125	2 to 6.3	3 to 15	120 to 470	1.9
UPDATE KX	EEFKX---	Guaranteed at 125 °C 5500 h		●				●	●	-55 to 125	2 to 6.3	3 to 15	120 to 470	1.9
	TX	EEFTX---		●				●	●	-55 to 135	2 to 6.3	3 to 15	120 to 470	1.9
	JZ	EEFJZ---	Guaranteed at 125 °C 3000 h Large capacitance	●		●	●	●		-55 to 125	2	3 to 9	560	2.2
	KZ	EEFKZ---	Guaranteed at 125 °C 5500 h Large capacitance	●		●	●	●		-55 to 125	2	3 to 9	560	2.2
	TZ	EEFTZ---	Guaranteed at 135 °C 5500 h Large capacitance	●		●	●	●		-55 to 135	2	3 to 9	560	2.2

■ Standard products

Series	Part No.	Feature	Low profile	Low ESR	Low ESL	Large cap.	High temp.	Long life	High voltage	Category temperature (°C)	Rated voltage (V)	ESR (mΩ)	Capacitance (μF)	Size (mm)
														L x W
														7.3x4.3
														H
	CX	EEFCX---	Standard						●	-55 to 105	2 to 35	12 to 40	15 to 560	1.9
	CT	EEFCT---	Low profile	●					●	-55 to 105	4 to 35	15 to 40	15 to 180	1.4
	CS	EEFCS---	Low profile	●					●	-55 to 105	4 to 35	15 to 40	10 to 120	1.1
	SX	EEFSX---	Low ESR		●					-55 to 105	2 to 6.3	4.5 to 9	82 to 560	1.9
	GX	EEFGX---	Super low ESR High ripple current		●					-55 to 105	2, 2.5	3	330 to 560	1.9
	LX	EEFLX---	Low ESR · Low ESL		●	●				-55 to 105	2, 2.5	4.5 to 6	330 to 560	1.9
	ST	EEFST---	Low profile · Low ESR	●	●					-55 to 105	2, 2.5	6	270 to 330	1.4
	LT	EEFLT---	Low profile Low ESR · Low ESL	●	●	●				-55 to 105	2, 2.5	6	270 to 330	1.4
	SS	EEFSS---	Low profile · Low ESR	●	●					-55 to 105	2, 2.5	6	180 to 220	1.1
	LS	EEFLS---	Low profile Low ESR · Low ESL	●	●	●				-55 to 105	2, 2.5	6	180 to 220	1.1
	SR	EEFSR---	Low profile (1.0 mm max.) Low ESR	●	●					-55 to 105	2 to 6.3	4.5 to 9	68 to 220	1.0max.
	LR	EEFLR---	Low profile (1.0 mm max.) Low ESR · Low ESL	●	●	●				-55 to 105	2 to 6.3	4.5 to 9	68 to 220	1.0max.
	GY	EEFGY---	Super low ESR / High ripple current / Height 3.0 mm max.		●		●			-55 to 105	2, 2.5	3	680 to 820	2.8
	CY	ECGCY---	Guaranteed at 85 °C Height 3.0 mm max.				●			-55 to 85	4, 6.3	15	330 to 470	2.8
	SY	ECGSY---	Low ESR / Guaranteed at 85 °C / Height 3.0 mm max.		●		●			-55 to 85	4, 6.3	9	330 to 470	2.8
	HX	EEFHX---	Guaranteed at 125 °C					●	●	-55 to 125	2 to 25	4.5 to 40	15 to 470	1.9

• 2 to 6.3 V : On sale  
 • 10 to 35 V : Not recommended for new design  
 ※ Click [here](#) for Replacement (10 to 35 V)