

## Series to Series Cross Reference for Surge/Lelon Electrolytic Capacitors

PLEASE CONTACT SURGE AT 631-595-1818 FOR ANY BRANDS OR PART NUMBER SERIES NOT SHOWN

Note 1: Series names in Gray are discontinued.

Note 2: Please review our product specifications before purchase or use.

Type	Description	Life Time	SURGE-LELON	NICHICON	PANASONIC	RUBYCON	UNITED CHEMICON	SURGE-LELON	Type
OP-CAP	105°C, Standard, Chip	2K	OCV	CP, CG, CV, PS/PA,SS	SVP		PXA		OP-CAP
	105°C, Ultra Low ESR	2K	OCVZ	CJ, FS	SVPC, SVPA		PXE, P XK		
	125°C, Wide temp., Chip	2K	OCVU	CX	SVQP, SVPQ		PXH, PXD	OCVU	
	105°C, Long Life	5K	OVK	CS	SVPS		PXS	OVK	
	105°C, Ultra Low ESR	2K	Ovh	CK			PXF	Ovh	
	105°C, Standard, Radial	2K	OCR	LF	SEP	PZA	PS	OCR	
	105°C, Low ESR, Radial	2K	OCRZ	LE	SEPC, SEPF		PSA, PSC, PSL	OCRZ	
	105°C, Low ESR, Radial	5K	OCRK	LS			PSK, PSE	OCRK	
	125°C, Wide temp., Radial	2K	OCRU	LX, (RE-HT)	SEQP			OCRU	
105°C, Ultra Low ESR, Long Life	5K	ORE	LE	SEPF		PSF	ORE		
Hybrid	105°C, Long Life	10K	HBV	CV	ZA		HXB	HBV	Hybrid
	125°C, High Temp.	4K	HBW	CR	ZC	PFV	HXA	HBW	
	105°C, Long Life, Radial	10K	HBR	LS				HBR	
	125°C, High Temp., Radial	4K	HBS	LV				HBS	
V-chip	85°C, Standard	2K	VE	WX, UR, UG	S(A)	(SEV)	MVA(MV)	VE	V-chip
	85°C, 4.5mmL	2K	VSS	ZS	(MC)		(MVS)	VSS	
	105°C, 5.5mmL	1K ~ 2K	VES		HA(G)		MVJ(MVK, MKJ)	VES	
	105°C, Standard	2K	VEJ(VGA)	WT, UT, UX	HA, HB	SGV(SKV)	MVE(MVK, MKA)	VEJ(VGA)	
	105°C, Long Life	3K	VEU	UL(UV), UA, UJ	HC	SJV	MVL, MLA, MKB	VEU	
	105°C, Low ESR, Smaller Size	1K	VEZ	WF, WG	FC	(SZV)	MVY	VEZ	
	105°C, Low Imp. & ESR	2K	VEH				MVY	VEH	
	105°C, Low ESR, Long Life	2K	VZH	UD, CD	FK, HD	TZV	MZA, MVY, MLA	VZH	
	105°C, Low ESR, Long Life	2K	VZL	CD	FK	TZV	MZA	VZL	
	105°C, Anti-vibration	5K	VLV					VLV	
	105°C, Ultra Low ESR, High CV	2K ~ 5K	VZS	CL	FP, FT	TKV(TFV)	MZJ	VZS	
	125°C, Standard	1K	VUA	UB	TG(TA)	TXV(SXV)		VUA	
	125°C, Standard	5K	VUK	UH		TGV	MVH	VUK	
	125°C, Anti-vibration	2K	VLW	UE				VLW	
85°C, Bi-polarized	2K	VEB	WP	HB(TP)	NSEV	MV(-BP)	VEB		
85°C, Low Leakage Current	2K	VEC					VEC		
Standard	85°C, Standard	2K ~ 3K	REA	VR(VX), VK, RS(VS)	M(SU)	PK, WA(YK)	SMG(SM/SME), SMQ, SMH	REA	Standard
	105°C, Standard	2K	RGA	VZ, VY, RZ	NHG(MH/NHE)	WXA, PX(YXA)	KMG(KMK/MC/KME), KMQ, KMH	RGA	
	105°C, Wide Temp. Range	2K	RJA	RY, VZ, RZ(RT)		PX		RJA	
	130°C, Standard	2K	RUA	BT(BD)	TP(TB)	RX30		RUA	
125°C, Low Voltage	3K ~ 5K	RUK	BT(BD)	TA	ZT	GPA, GXE(GXD)	RUK		
High Reliability	105°C, Low ESR	2K	RXY	PM(PD)		YXG	LXV(SXC/LXE/LXJ/SXE/KMF)	RXY	High Reliability
	105°C, Low ESR	2K ~ 5K	RXJ	PW(PY, PE), PJ(PF)	(HFQ/FA)	YXF	KMF, SXE	RXJ	
	105°C, Downsize	2K ~ 5K	RXK	PJ(PF), PM(PL)	FC(HFQ, HFE, KF)	YXF	LXV	RXK	
	105°C, Low ESR	3K ~ 6K	RXW	PJ(PF), PW(PY)	FC(FB)	YXG	LXY, LXZ, USM/BSM/LXF/LXA	RXW	
	105°C, Low ESR	4K ~ 10K	RZW	HE	FK	YXF, YXH	KY/KYA, SXC/LXE/LXJ/SXE/KMF/KMY/LXA	RZW	
Ballast	105°C, Standard	3K	RXC	PW(PY)		(YXF)	(KMF)	RXC	Ballast
	105°C, Downsize	5K	RXB	PB, PT, PW(PY)	EB(ED)	CFX	(KMX/KMF), LX	RXB	
	105°C, Long Life, Downsize	10K	RXQ	CS, CA	EE	BXC, BXF	KXG(KMF/KMX)	RXQ	



## Series to Series Cross Reference for Surge/Lelon Electrolytic Capacitors

**PLEASE CONTACT SURGE AT 631-595-1818 FOR ANY BRANDS OR PART NUMBER SERIES NOT SHOWN**

Note 1: Series names in Gray are discontinued.

Note 2: Please review our product specifications before purchase or use.

Type	Description	Life Time	SURGE-LELON	NICHICON	PANASONIC	RUBYCON	UNITED-CHEMICON	SURGE-LELON	Type
Pen Type	105°C	2K	RGL	PZ		KXW	PAG	RGL	Pen Type
	105°C, Long Life	5K	RPL	PT		CXW		RPL	
	105°C, Long Life, Downsized	10K	RQL	CS(PEN)		TXW, BXW	KXJ	RQL	
	105°C, High Ripple	2K	RXR	PZ		QXW	KHE	RXR	
Low Leakage	85°C Standard	1K ~ 2K	RLA	KL		TWL	LLA	RLA	Low Leakage
	105°C Standard	1K	RA					RA	
	85°C, 7mmL	2K	SLA	SL, KL		TWL	LLA	SLA	
	105°C, 7mmL	1K	SA					SA	
	85°C, 5mmL	1K	SSL					SSL	
Mini size	85°C, Standard	1K ~ 2K	SEA	SA, SR	KA	MS7	SRA, SRG(SRC)	SEA	Mini size
	105°C, Standard	1K	SG	ST	GA	MH7	KMA	SG	
	105°C, Wide Temp. Range	1K ~ 2K	SJA	RZ(Low profile)			KMA	SJA	
	85°C, Standard, 5mmL	1K	SS	MA	KS(3φ)	MS5	SRE, SRM	SS	
	105°C, Standard, 5mmL	1K	SSG	MT		MH5	KRE	SSG	
	105°C, Low Imp., 5~7mmL	1K	SXJ	SF, MF	(KG)			SXJ	
Non. & Bi. Polarized	85°C, Standard	2K	RN	VP	SU-BP	NA	SME-BP(SM-BP)	RN	Non. & Bi. Polarized
	105°C, Standard	2K	RNG	EP(ET)	GA	NXA	KME-BP(KM-BP)	RNG	
	85°C, 7mmL	1K	SN	SP	KA-BP	NW7	SRA-BP	SN	
	85°C, 5mmL	1K	SSN	MP	KS-BP	NW5	SER-BP	SSN	
Snap-in	85°C, Standard	2K	LS	LS(LU/LQ), LG(LN)	UP	USC(USP), USG(USR)	SMH	LS	Snap-in
	85°C, Over Voltage Operation	2K	LS2			SXC, SXG		LS2	
	105°C, Standard	2K	LSG	GU(GQ), GN	HA, HB, HC	MXG	KMQ, KMH	LSG	
	105°C, Long Life	3K	LSM	GU(GQ), GN, GJ	HA, HC	MAX, MXG(MXPR), XVE(MVZAVE)	KMM	LSM	
	105°C, High Ripple Current	3K	LSR	GW			KMT	LSR	
	105°C, Long Life	5K	LSK	GY(GR)		VXG(VXP)	LXQ, LXG	LSK	
	105°C, Longer Life	7K	LSP		TS-XB	VXR	LSM	LSP	
	105°C, Charge/Discharge	3K	LHM	QS			KMV	LHM	
Screw	85°C, Standard	2K	MEA	NY(NW)	(GYU, GUE)	LSQ	SME, RWE	MEA	Screw
	85°C, Standard	5K	MEK	NK, (NX, NR)		LSU	RWF	MEK	
	85°C, Long Life	20K	MEQ	NX	(GUP, GTA)		RWL	MEQ	
	105°C, Standard	2K	MGA	NT	(GNH)	LSW	KMH	MGA	
	105°C, Long Life	5K	MGK	NT	(GXB)	LSG	LXA(LWY)	MGK	
	85°C, Charge/Discharge	5K	MKR	QR			RWV	MKR	
Flame Retardant	85°C, Standard	2K	LV	LL		(FRS)		LV	Flame Retardant
	105°C, Standard	2K	LVG					LVG	
	85°C, Standard, Radial	2K	REV					REV	
	105°C, Standard, Radial	2K	RGV			(FRW)		RGV	

