CONDUCTIVE POLYMER ALUMINUM SOLID ELECTROLYTIC CAPACITORS

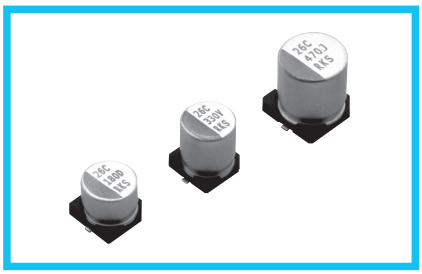
nichicon

RKS

High Capacitance,
Load life of 3000 hours at 125°C

For SMD | High Ripple Current | Long Life | For High Frequency

FPCAP Expanded



- Low LC, high allowable ripple current product.
- 85°C 85% 1000H, Load life of 3000 hours at 125°C.
- SMD type : Lead free reflow soldering condition at 260°C peak correspondence.
- Compliant to the RoHS directive (2011/65/EU,(EU)2015/863).

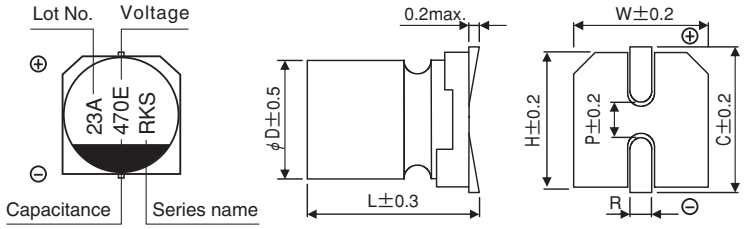
■Specifications

Item	Performance Characteristics	
Category Temperature Range	−55 to +125°C	
Rated Voltage Range	16 to 80V	
Rated Capacitance Range	8.2 to 1500μF	
Capacitance Tolerance	±20% at 120Hz, 20°C	
Tangent of loss angle (tan δ)	Less than or equal to the specified value at 120Hz, 20°C	
ESR (※1)	Less than or equal to the specified value at 100kHz, 20°C	
Leakage Current (※2)	After 2 minutes' application of rated voltage, leakage current is not more than 0.05CV or 100(μA), whichever is greater. ※	
Endurance	Test condition	125°C, rated voltage, 3000Hrs
	Capacitance change	Within ±20% of initial value before test
	tan δ	150% or less than the initial specified value
	ESR (※1)	150% or less than the initial specified value
	Leakage current (※2)	Less than or equal to the specified value
Shelf Life	After storing the capacitors under no load at 125°C for 1000 hours and then performing voltage treatment based on JIS C 5101-4 clause 4.1 at 20°C, they shall meet the specified values for the endurance characteristics listed above.	
Damp Heat (Steady State)	The specifications listed at right shall be met when the capacitors are restored to 20°C after the rated voltage is applied for 1000 hours at 85°C, 85% R.H.	Capacitance change: Within ±20% of initial capacitance value (※3); tan δ: 150% or less of the initial specified value; ESR (※1): 150% or less of the initial specified value; Leakage current (※2): Less than or equal to the initial specified value
Resistance to Soldering Heat	After soldering the capacitor under the soldering conditions prescribed here, the capacitor shall meet the specifications listed at right. Pre-heating shall be done at 150 to 180°C : within 90 seconds, Over 200°C : within 60 seconds, 260°C : within 5 seconds. in case peak temperature is 260°C or less, reflow soldering shall be two times maximum. Measurement for solder temperature profile shall be made at the capacitor top.	Capacitance change: Within ±10% of initial capacitance value (※3); tan δ: 150% or less than the initial specified value; ESR (※1): 150% or less than the initial specified value; Leakage current (※2): Less than or equal to the initial specified value
Marking	Navy blue print on the case top	

※1 ESR should be measured at both of the terminal ends closest where the terminals protrude through the plastic platform.
※2 Conditioning : If any doubt arises, measure the leakage current after the voltage treatment of applying DC rated voltage continuously to the capacitor for 120 minutes at 105°C.
※3 Initial value : The value before test of examination of resistance to soldering.

※ I : Leakage Current (μA), C : Rated Capacitance (μF), V : Rated Voltage (V)

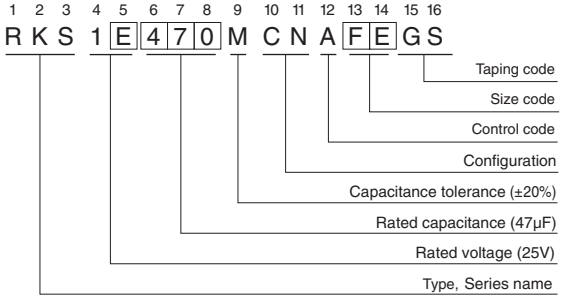
■Dimensions



(mm)

Size Code	φD×L	W	H	C	R	P
FE	6.3×5.8	6.5	6.5	7.2	0.5 to 0.9	2.1
FG	6.3×7.7	6.5	6.5	7.2	0.5 to 0.9	2.1
HF	8×6.7	8.3	8.3	9.0	0.8 to 1.1	3.2
HG	8×7.7	8.3	8.3	9.0	0.8 to 1.1	3.2
HH	8×8.7	8.3	8.3	9.0	0.8 to 1.1	3.2
HJ	8×10	8.3	8.3	9.0	0.8 to 1.1	3.2
JJ	10×10	10.3	10.3	11.0	0.8 to 1.1	4.6
JL	10×12.4	10.3	10.3	11.0	0.8 to 1.1	4.6

Type numbering system (Example : 25V 47μF)



● Frequency coefficient of rated ripple current

Frequency	120 Hz	1 kHz	10 kHz	100 kHz	300 kHz
Coefficient	0.10	0.45	0.50	1.00	1.00

● Dimension table in next page.

RKS

■Dimensions

Rated Voltage (V) (code)	Surge Voltage (V)	Rated Capacitance (μF)	Case Size φD×L (mm)	tan δ	Leakage Current (μA) (at 20℃ after 2 minutes)	ESR (mΩ) (20℃/100kHz)	Rated Ripple Current (mArms/100kHz) ≦105℃ (*4)	Rated Ripple Current (mArms/100kHz) 105℃< ≦125℃ (*4)	Part Number
16 (1C)	18.4	27	6.3×5.8	0.12	100	50	2100	1000	RKS1C270MCNAFEGS
		33	6.3×5.8	0.12	100	50	2100	1000	RKS1C330MCNAFEGS
			8×6.7	0.12	100	30	3160	1600	RKS1C330MCNAHFGS
		39	6.3×5.8	0.12	100	50	2100	1000	RKS1C390MCNAFEGS
			6.3×7.7	0.12	100	30	3100	1500	RKS1C390MCNAFGGS
			8×6.7	0.12	100	30	3160	1600	RKS1C390MCNAHFGS
		47	6.3×5.8	0.12	100	50	2100	1000	RKS1C470MCNAFEGS
			6.3×7.7	0.12	100	30	3100	1500	RKS1C470MCNAFGGS
			8×6.7	0.12	100	30	3160	1600	RKS1C470MCNAHFGS
			8×7.7	0.12	100	30	3160	1600	RKS1C470MCNAHGGS
		56	6.3×5.8	0.12	100	50	2100	1000	RKS1C560MCNAFEGS
			6.3×7.7	0.12	100	30	3100	1500	RKS1C560MCNAFGGS
			8×6.7	0.12	100	30	3160	1600	RKS1C560MCNAHFGS
			8×7.7	0.12	100	30	3160	1600	RKS1C560MCNAHGGS
			8×8.7	0.12	100	30	3160	1600	RKS1C560MCNAHHGS
			8×10	0.12	100	25	3350	1700	RKS1C560MCNAHJGS
		68	6.3×5.8	0.12	100	50	2100	1000	RKS1C680MCNAFEGS
			6.3×7.7	0.12	100	30	3100	1500	RKS1C680MCNAFGGS
			8×6.7	0.12	100	30	3160	1600	RKS1C680MCNAHFGS
			8×7.7	0.12	100	30	3160	1600	RKS1C680MCNAHGGS
			8×8.7	0.12	100	30	3160	1600	RKS1C680MCNAHHGS
			8×10	0.12	100	25	3350	1700	RKS1C680MCNAHJGS
		82	6.3×5.8	0.12	100	50	2100	1000	RKS1C820MCNAFEGS
			6.3×7.7	0.12	100	30	3100	1500	RKS1C820MCNAFGGS
			8×6.7	0.12	100	30	3160	1600	RKS1C820MCNAHFGS
			8×7.7	0.12	100	30	3160	1600	RKS1C820MCNAHGGS
			8×8.7	0.12	100	30	3160	1600	RKS1C820MCNAHHGS
			8×10	0.12	100	25	3350	1700	RKS1C820MCNAHJGS
		100	6.3×5.8	0.12	100	50	2100	1000	RKS1C101MCNAFEGS
			6.3×7.7	0.12	100	30	3100	1500	RKS1C101MCNAFGGS
			8×6.7	0.12	100	30	3160	1600	RKS1C101MCNAHFGS
			8×7.7	0.12	100	30	3160	1600	RKS1C101MCNAHGGS
			8×8.7	0.12	100	30	3160	1600	RKS1C101MCNAHHGS
			8×10	0.12	100	25	3350	1700	RKS1C101MCNAHJGS
		120	6.3×5.8	0.12	100	50	2100	1000	RKS1C121MCNAFEGS
			6.3×7.7	0.12	100	30	3100	1500	RKS1C121MCNAFGGS
			8×6.7	0.12	100	30	3160	1600	RKS1C121MCNAHFGS
			8×7.7	0.12	100	30	3160	1600	RKS1C121MCNAHGGS
			8×8.7	0.12	100	30	3160	1600	RKS1C121MCNAHHGS
			8×10	0.12	100	25	3350	1700	RKS1C121MCNAHJGS
			10×10	0.12	100	20	3990	2100	RKS1C121MCNAJJGS
		150	6.3×5.8	0.12	120	50	2100	1000	RKS1C151MCNAFEGS
			6.3×7.7	0.12	120	30	3100	1500	RKS1C151MCNAFGGS
			8×6.7	0.12	120	30	3160	1600	RKS1C151MCNAHFGS
			8×7.7	0.12	120	30	3160	1600	RKS1C151MCNAHGGS
			8×8.7	0.12	120	30	3160	1600	RKS1C151MCNAHHGS
			8×10	0.12	120	25	3350	1700	RKS1C151MCNAHJGS
			10×10	0.12	120	20	3990	2100	RKS1C151MCNAJJGS
			10×12.4	0.12	120	20	3800	2000	RKS1C151MCNAJLGS
		180	6.3×5.8	0.12	144	50	2100	1000	RKS1C181MCNAFEGS
			6.3×7.7	0.12	144	30	3100	1500	RKS1C181MCNAFGGS
			8×6.7	0.12	144	30	3160	1600	RKS1C181MCNAHFGS
			8×7.7	0.12	144	30	3160	1600	RKS1C181MCNAHGGS
			8×8.7	0.12	144	30	3160	1600	RKS1C181MCNAHHGS

(*4) Ambient temperature of a capacitor

Blue : New product (as of October 2024)

RKS

■Dimensions

Rated Voltage (V) (code)	Surge Voltage (V)	Rated Capacitance (μF)	Case Size φD×L (mm)	tan δ	Leakage Current (μA) (at 20℃ after 2 minutes)	ESR (mΩ) (20℃/100kHz)	Rated Ripple Current (mArms/100kHz) ≦105℃ (*4)	Rated Ripple Current (mArms/100kHz) 105℃< ≦125℃ (*4)	Part Number
16 (1C)	18.4	180	8×10	0.12	144	25	3350	1700	RKS1C181MCNAHJGS
			10×10	0.12	144	20	3990	2100	RKS1C181MCNAJJGS
			10×12.4	0.12	144	20	3800	2000	RKS1C181MCNAJLGS
		220	6.3×5.8	0.12	176	50	2100	1000	RKS1C221MCNAFEGS
			6.3×7.7	0.12	176	30	3100	1500	RKS1C221MCNAFGGS
			8×6.7	0.12	176	30	3160	1600	RKS1C221MCNAHFGS
			8×7.7	0.12	176	30	3160	1600	RKS1C221MCNAHGGS
			8×8.7	0.12	176	30	3160	1600	RKS1C221MCNAHHGS
			8×10	0.12	176	25	3350	1700	RKS1C221MCNAHJGS
			10×10	0.12	176	20	3990	2100	RKS1C221MCNAJJGS
			10×12.4	0.12	176	20	3800	2000	RKS1C221MCNAJLGS
		270	6.3×7.7	0.12	216	30	3100	1500	RKS1C271MCNAFGGS
			8×6.7	0.12	216	30	3160	1600	RKS1C271MCNAHFGS
			8×7.7	0.12	216	30	3160	1600	RKS1C271MCNAHGGS
			8×8.7	0.12	216	30	3160	1600	RKS1C271MCNAHHGS
			8×10	0.12	216	25	3350	1700	RKS1C271MCNAHJGS
			10×10	0.12	216	20	3990	2100	RKS1C271MCNAJJGS
			10×12.4	0.12	216	20	3800	2000	RKS1C271MCNAJLGS
		330	6.3×7.7	0.12	264	30	3100	1500	RKS1C331MCNAFGGS
			8×6.7	0.12	264	30	3160	1600	RKS1C331MCNAHFGS
			8×7.7	0.12	264	30	3160	1600	RKS1C331MCNAHGGS
			8×8.7	0.12	264	30	3160	1600	RKS1C331MCNAHHGS
			8×10	0.12	264	25	3350	1700	RKS1C331MCNAHJGS
			10×10	0.12	264	20	3990	2100	RKS1C331MCNAJJGS
			10×12.4	0.12	264	20	3800	2000	RKS1C331MCNAJLGS
		390	8×6.7	0.12	312	30	3160	1600	RKS1C391MCNAHFGS
			8×7.7	0.12	312	30	3160	1600	RKS1C391MCNAHGGS
			8×8.7	0.12	312	30	3160	1600	RKS1C391MCNAHHGS
			8×10	0.12	312	25	3350	1700	RKS1C391MCNAHJGS
			10×10	0.12	312	20	3990	2100	RKS1C391MCNAJJGS
			10×12.4	0.12	312	20	3800	2000	RKS1C391MCNAJLGS
		470	8×7.7	0.12	376	30	3160	1600	RKS1C471MCNAHGGS
			8×8.7	0.12	376	30	3160	1600	RKS1C471MCNAHHGS
			8×10	0.12	376	25	3350	1700	RKS1C471MCNAHJGS
			10×10	0.12	376	20	3990	2100	RKS1C471MCNAJJGS
			10×12.4	0.12	376	20	3800	2000	RKS1C471MCNAJLGS
		560	8×8.7	0.12	448	30	3160	1600	RKS1C561MCNAHHGS
			8×10	0.12	448	25	3350	1700	RKS1C561MCNAHJGS
			10×10	0.12	448	20	3990	2100	RKS1C561MCNAJJGS
			10×12.4	0.12	448	20	3800	2000	RKS1C561MCNAJLGS
		680	8×8.7	0.12	544	30	3160	1600	RKS1C681MCNAHHGS
			8×10	0.12	544	25	3350	1700	RKS1C681MCNAHJGS
			10×10	0.12	544	20	3990	2100	RKS1C681MCNAJJGS
			10×12.4	0.12	544	20	3800	2000	RKS1C681MCNAJLGS
		820	10×10	0.12	656	20	3990	2100	RKS1C821MCNAJJGS
			10×12.4	0.12	656	20	3800	2000	RKS1C821MCNAJLGS
		1000	10×10	0.12	800	20	3990	2100	RKS1C102MCNAJJGS
			10×12.4	0.12	800	20	3800	2000	RKS1C102MCNAJLGS
		1200	10×12.4	0.12	960	20	3800	2000	RKS1C122MCNAJLGS
		1500	10×12.4	0.12	1200	20	3800	2000	RKS1C152MCNAJLGS
20 (1D)	23	18	6.3×5.8	0.12	100	50	1900	900	RKS1D180MCNAFEGS
		22	6.3×5.8	0.12	100	50	1900	900	RKS1D220MCNAFEGS
		27	6.3×5.8	0.12	100	50	1900	900	RKS1D270MCNAFEGS
			6.3×7.7	0.12	100	30	2900	1400	RKS1D270MCNAFGGS

(*4) Ambient temperature of a capacitor

Blue : New product (as of October 2024)

RKS

■Dimensions

Rated Voltage (V) (code)	Surge Voltage (V)	Rated Capacitance (μF)	Case Size φD×L (mm)	tan δ	Leakage Current (μA) (at 20℃ after 2 minutes)	ESR (mΩ) (20℃/100kHz)	Rated Ripple Current (mArms/100kHz) ≦105℃ (*4)	Rated Ripple Current (mArms/100kHz) 105℃< ≦125℃ (*4)	Part Number
20 (1D)	23	33	6.3×5.8	0.12	100	50	1900	900	RKS1D330MCNAFEGS
			6.3×7.7	0.12	100	30	2900	1400	RKS1D330MCNAFGGS
			8×6.7	0.12	100	30	3160	1600	RKS1D330MCNAHFGS
			8×10	0.12	100	25	3350	1700	RKS1D330MCNAHJGS
		39	6.3×5.8	0.12	100	50	1900	900	RKS1D390MCNAFEGS
			6.3×7.7	0.12	100	30	2900	1400	RKS1D390MCNAFGGS
			8×6.7	0.12	100	30	3160	1600	RKS1D390MCNAHFGS
			8×7.7	0.12	100	30	3160	1600	RKS1D390MCNAHGGS
			8×10	0.12	100	25	3350	1700	RKS1D390MCNAHJGS
		47	6.3×5.8	0.12	100	50	1900	900	RKS1D470MCNAFEGS
			6.3×7.7	0.12	100	30	2900	1400	RKS1D470MCNAFGGS
			8×6.7	0.12	100	30	3160	1600	RKS1D470MCNAHFGS
			8×7.7	0.12	100	30	3160	1600	RKS1D470MCNAHGGS
			8×10	0.12	100	25	3350	1700	RKS1D470MCNAHJGS
		56	6.3×5.8	0.12	100	50	1900	900	RKS1D560MCNAFEGS
			6.3×7.7	0.12	100	30	2900	1400	RKS1D560MCNAFGGS
			8×6.7	0.12	100	30	3160	1600	RKS1D560MCNAHFGS
			8×7.7	0.12	100	30	3160	1600	RKS1D560MCNAHGGS
			8×8.7	0.12	100	30	3160	1600	RKS1D560MCNAHHGS
			8×10	0.12	100	25	3350	1700	RKS1D560MCNAHJGS
		68	6.3×5.8	0.12	100	50	1900	900	RKS1D680MCNAFEGS
			6.3×7.7	0.12	100	30	2900	1400	RKS1D680MCNAFGGS
			8×6.7	0.12	100	30	3160	1600	RKS1D680MCNAHFGS
			8×7.7	0.12	100	30	3160	1600	RKS1D680MCNAHGGS
			8×8.7	0.12	100	30	3160	1600	RKS1D680MCNAHHGS
			8×10	0.12	100	25	3350	1700	RKS1D680MCNAHJGS
			10×10	0.12	100	20	3800	2000	RKS1D680MCNAJJGS
		82	6.3×5.8	0.12	100	50	1900	900	RKS1D820MCNAFEGS
			6.3×7.7	0.12	100	30	2900	1400	RKS1D820MCNAFGGS
			8×6.7	0.12	100	30	3160	1600	RKS1D820MCNAHFGS
			8×7.7	0.12	100	30	3160	1600	RKS1D820MCNAHGGS
			8×8.7	0.12	100	30	3160	1600	RKS1D820MCNAHHGS
			8×10	0.12	100	25	3350	1700	RKS1D820MCNAHJGS
			10×10	0.12	100	20	3800	2000	RKS1D820MCNAJJGS
			10×12.4	0.12	100	20	3800	2000	RKS1D820MCNAJLGS
		100	6.3×5.8	0.12	100	50	1900	900	RKS1D101MCNAFEGS
			6.3×7.7	0.12	100	30	2900	1400	RKS1D101MCNAFGGS
			8×6.7	0.12	100	30	3160	1600	RKS1D101MCNAHFGS
			8×7.7	0.12	100	30	3160	1600	RKS1D101MCNAHGGS
			8×8.7	0.12	100	30	3160	1600	RKS1D101MCNAHHGS
			8×10	0.12	100	25	3350	1700	RKS1D101MCNAHJGS
			10×10	0.12	100	20	3800	2000	RKS1D101MCNAJJGS
			10×12.4	0.12	100	20	3800	2000	RKS1D101MCNAJLGS
		120	6.3×5.8	0.12	120	50	1900	900	RKS1D121MCNAFEGS
			6.3×7.7	0.12	120	30	2900	1400	RKS1D121MCNAFGGS
			8×6.7	0.12	120	30	3160	1600	RKS1D121MCNAHFGS
			8×7.7	0.12	120	30	3160	1600	RKS1D121MCNAHGGS
			8×8.7	0.12	120	30	3160	1600	RKS1D121MCNAHHGS
			8×10	0.12	120	25	3350	1700	RKS1D121MCNAHJGS
			10×10	0.12	120	20	3800	2000	RKS1D121MCNAJJGS
			10×12.4	0.12	120	20	3800	2000	RKS1D121MCNAJLGS
		150	6.3×7.7	0.12	150	30	2900	1400	RKS1D151MCNAFGGS
			8×6.7	0.12	150	30	3160	1600	RKS1D151MCNAHFGS
			8×7.7	0.12	150	30	3160	1600	RKS1D151MCNAHGGS

(*4) Ambient temperature of a capacitor

Blue : New product (as of October 2024)

RKS

■Dimensions

Rated Voltage (V) (code)	Surge Voltage (V)	Rated Capacitance (μF)	Case Size φD×L (mm)	tan δ	Leakage Current (μA) (at 20℃ after 2 minutes)	ESR (mΩ) (20℃/100kHz)	Rated Ripple Current (mArms/100kHz) ≦105℃ (*4)	Rated Ripple Current (mArms/100kHz) 105℃< ≦125℃ (*4)	Part Number
20 (1D)	23	150	8×8.7	0.12	150	30	3160	1600	RKS1D151MCNAHHGS
			8×10	0.12	150	25	3350	1700	RKS1D151MCNAHJGS
			10×10	0.12	150	20	3800	2000	RKS1D151MCNAJJGS
			10×12.4	0.12	150	20	3800	2000	RKS1D151MCNAJLGS
		180	6.3×7.7	0.12	180	30	2900	1400	RKS1D181MCNAFGGS
			8×6.7	0.12	180	30	3160	1600	RKS1D181MCNAHFGS
			8×7.7	0.12	180	30	3160	1600	RKS1D181MCNAHGGS
			8×8.7	0.12	180	30	3160	1600	RKS1D181MCNAHHGS
			8×10	0.12	180	25	3350	1700	RKS1D181MCNAHJGS
			10×10	0.12	180	20	3800	2000	RKS1D181MCNAJJGS
			10×12.4	0.12	180	20	3800	2000	RKS1D181MCNAJLGS
		220	8×6.7	0.12	220	30	3160	1600	RKS1D221MCNAHFGS
			8×7.7	0.12	220	30	3160	1600	RKS1D221MCNAHGGS
			8×8.7	0.12	220	30	3160	1600	RKS1D221MCNAHHGS
			8×10	0.12	220	25	3350	1700	RKS1D221MCNAHJGS
			10×10	0.12	220	20	3800	2000	RKS1D221MCNAJJGS
			10×12.4	0.12	220	20	3800	2000	RKS1D221MCNAJLGS
		270	8×7.7	0.12	270	30	3160	1600	RKS1D271MCNAHGGS
			8×8.7	0.12	270	30	3160	1600	RKS1D271MCNAHHGS
			8×10	0.12	270	25	3350	1700	RKS1D271MCNAHJGS
			10×10	0.12	270	20	3800	2000	RKS1D271MCNAJJGS
			10×12.4	0.12	270	20	3800	2000	RKS1D271MCNAJLGS
		330	8×8.7	0.12	330	30	3160	1600	RKS1D331MCNAHHGS
			8×10	0.12	330	25	3350	1700	RKS1D331MCNAHJGS
			10×10	0.12	330	20	3800	2000	RKS1D331MCNAJJGS
			10×12.4	0.12	330	20	3800	2000	RKS1D331MCNAJLGS
		390	8×8.7	0.12	390	30	3160	1600	RKS1D391MCNAHHGS
			8×10	0.12	390	25	3350	1700	RKS1D391MCNAHJGS
			10×10	0.12	390	20	3800	2000	RKS1D391MCNAJJGS
			10×12.4	0.12	390	20	3800	2000	RKS1D391MCNAJLGS
		470	10×10	0.12	470	20	3800	2000	RKS1D471MCNAJJGS
			10×12.4	0.12	470	20	3800	2000	RKS1D471MCNAJLGS
		560	10×10	0.12	560	20	3800	2000	RKS1D561MCNAJJGS
			10×12.4	0.12	560	20	3800	2000	RKS1D561MCNAJLGS
		680	10×12.4	0.12	680	20	3800	2000	RKS1D681MCNAJLGS
		820	10×12.4	0.12	820	20	3800	2000	RKS1D821MCNAJLGS
25 (1E)	28.7	8.2	6.3×5.8	0.12	100	50	1900	900	RKS1E8R2MCNAFEGS
		10	6.3×5.8	0.12	100	50	1900	900	RKS1E100MCNAFEGS
		12	6.3×5.8	0.12	100	50	1900	900	RKS1E120MCNAFEGS
			6.3×7.7	0.12	100	30	2900	1400	RKS1E120MCNAFGGS
		15	6.3×5.8	0.12	100	50	1900	900	RKS1E150MCNAFEGS
			6.3×7.7	0.12	100	30	2900	1400	RKS1E150MCNAFGGS
			8×6.7	0.12	100	30	3160	1600	RKS1E150MCNAHFGS
		18	6.3×5.8	0.12	100	50	1900	900	RKS1E180MCNAFEGS
			6.3×7.7	0.12	100	30	2900	1400	RKS1E180MCNAFGGS
			8×6.7	0.12	100	30	3160	1600	RKS1E180MCNAHFGS
			8×7.7	0.12	100	30	3160	1600	RKS1E180MCNAHGGS
		22	6.3×5.8	0.12	100	50	1900	900	RKS1E220MCNAFEGS
			6.3×7.7	0.12	100	30	2900	1400	RKS1E220MCNAFGGS
			8×6.7	0.12	100	30	3160	1600	RKS1E220MCNAHFGS
			8×7.7	0.12	100	30	3160	1600	RKS1E220MCNAHGGS
			8×8.7	0.12	100	30	3160	1600	RKS1E220MCNAHHGS
			8×10	0.12	100	27	3160	1600	RKS1E220MCNAHJGS

(*4) Ambient temperature of a capacitor

Blue : New product (as of October 2024)

RKS

■Dimensions

Rated Voltage (V) (code)	Surge Voltage (V)	Rated Capacitance (μF)	Case Size φD×L (mm)	tan δ	Leakage Current (μA) (at 20℃ after 2 minutes)	ESR (mΩ) (20℃/100kHz)	Rated Ripple Current (mArms/100kHz) ≦105℃ (*4)	Rated Ripple Current (mArms/100kHz) 105℃< ≦125℃ (*4)	Part Number
25 (1E)	28.7	27	6.3×5.8	0.12	100	50	1900	900	RKS1E270MCNAFEGS
			6.3×7.7	0.12	100	30	2900	1400	RKS1E270MCNAFGGS
			8×6.7	0.12	100	30	3160	1600	RKS1E270MCNAHFGS
			8×7.7	0.12	100	30	3160	1600	RKS1E270MCNAHGGS
			8×8.7	0.12	100	30	3160	1600	RKS1E270MCNAHHGS
			8×10	0.12	100	27	3160	1600	RKS1E270MCNAHJGS
		33	6.3×5.8	0.12	100	50	1900	900	RKS1E330MCNAFEGS
			6.3×7.7	0.12	100	30	2900	1400	RKS1E330MCNAFGGS
			8×6.7	0.12	100	30	3160	1600	RKS1E330MCNAHFGS
			8×7.7	0.12	100	30	3160	1600	RKS1E330MCNAHGGS
			8×8.7	0.12	100	30	3160	1600	RKS1E330MCNAHHGS
			8×10	0.12	100	27	3160	1600	RKS1E330MCNAHJGS
		39	6.3×5.8	0.12	100	50	1900	900	RKS1E390MCNAFEGS
			6.3×7.7	0.12	100	30	2900	1400	RKS1E390MCNAFGGS
			8×6.7	0.12	100	30	3160	1600	RKS1E390MCNAHFGS
			8×7.7	0.12	100	30	3160	1600	RKS1E390MCNAHGGS
			8×8.7	0.12	100	30	3160	1600	RKS1E390MCNAHHGS
			8×10	0.12	100	27	3160	1600	RKS1E390MCNAHJGS
		47	6.3×5.8	0.12	100	50	1900	900	RKS1E470MCNAFEGS
			6.3×7.7	0.12	100	30	2900	1400	RKS1E470MCNAFGGS
			8×6.7	0.12	100	30	3160	1600	RKS1E470MCNAHFGS
			8×7.7	0.12	100	30	3160	1600	RKS1E470MCNAHGGS
			8×8.7	0.12	100	30	3160	1600	RKS1E470MCNAHHGS
			8×10	0.12	100	27	3160	1600	RKS1E470MCNAHJGS
			10×10	0.12	100	20	3800	2000	RKS1E470MCNAJJGS
		56	6.3×5.8	0.12	100	50	1900	900	RKS1E560MCNAFEGS
			6.3×7.7	0.12	100	30	2900	1400	RKS1E560MCNAFGGS
			8×6.7	0.12	100	30	3160	1600	RKS1E560MCNAHFGS
			8×7.7	0.12	100	30	3160	1600	RKS1E560MCNAHGGS
			8×8.7	0.12	100	30	3160	1600	RKS1E560MCNAHHGS
			8×10	0.12	100	27	3160	1600	RKS1E560MCNAHJGS
			10×10	0.12	100	20	3800	2000	RKS1E560MCNAJJGS
		68	6.3×5.8	0.12	100	50	1900	900	RKS1E680MCNAFEGS
			6.3×7.7	0.12	100	30	2900	1400	RKS1E680MCNAFGGS
			8×6.7	0.12	100	30	3160	1600	RKS1E680MCNAHFGS
			8×7.7	0.12	100	30	3160	1600	RKS1E680MCNAHGGS
			8×8.7	0.12	100	30	3160	1600	RKS1E680MCNAHHGS
			8×10	0.12	100	27	3160	1600	RKS1E680MCNAHJGS
			10×10	0.12	100	20	3800	2000	RKS1E680MCNAJJGS
			10×12.4	0.12	100	20	3800	2000	RKS1E680MCNAJLGS
		82	6.3×5.8	0.12	102	50	1900	900	RKS1E820MCNAFEGS
			6.3×7.7	0.12	102	30	2900	1400	RKS1E820MCNAFGGS
			8×6.7	0.12	102	30	3160	1600	RKS1E820MCNAHFGS
			8×7.7	0.12	102	30	3160	1600	RKS1E820MCNAHGGS
			8×8.7	0.12	102	30	3160	1600	RKS1E820MCNAHHGS
			8×10	0.12	102	27	3160	1600	RKS1E820MCNAHJGS
			10×10	0.12	102	20	3800	2000	RKS1E820MCNAJJGS
			10×12.4	0.12	102	20	3800	2000	RKS1E820MCNAJLGS
		100	6.3×7.7	0.12	125	30	2900	1400	RKS1E101MCNAFGGS
			8×6.7	0.12	125	30	3160	1600	RKS1E101MCNAHFGS
			8×7.7	0.12	125	30	3160	1600	RKS1E101MCNAHGGS
			8×8.7	0.12	125	30	3160	1600	RKS1E101MCNAHHGS
			8×10	0.12	125	27	3160	1600	RKS1E101MCNAHJGS
			10×10	0.12	125	20	3800	2000	RKS1E101MCNAJJGS
			10×12.4	0.12	125	20	3800	2000	RKS1E101MCNAJLGS

(*4) Ambient temperature of a capacitor

Blue : New product (as of October 2024)

RKS

■Dimensions

Rated Voltage (V) (code)	Surge Voltage (V)	Rated Capacitance (μF)	Case Size φD×L (mm)	tan δ	Leakage Current (μA) (at 20℃ after 2 minutes)	ESR (mΩ) (20℃/100kHz)	Rated Ripple Current (mArms/100kHz) ≦105℃ (*4)	Rated Ripple Current (mArms/100kHz) 105℃< ≦125℃ (*4)	Part Number
25 (1E)	28.7	120	6.3×7.7	0.12	150	30	2900	1400	RKS1E121MCNAFGGS
			8×6.7	0.12	150	30	3160	1600	RKS1E121MCNAHFGS
			8×7.7	0.12	150	30	3160	1600	RKS1E121MCNAHGGS
			8×8.7	0.12	150	30	3160	1600	RKS1E121MCNAHHGS
			8×10	0.12	150	27	3160	1600	RKS1E121MCNAHJGS
			10×10	0.12	150	20	3800	2000	RKS1E121MCNAJJGS
			10×12.4	0.12	150	20	3800	2000	RKS1E121MCNAJLGS
		150	8×6.7	0.12	187	30	3160	1600	RKS1E151MCNAHFGS
			8×7.7	0.12	187	30	3160	1600	RKS1E151MCNAHGGS
			8×8.7	0.12	187	30	3160	1600	RKS1E151MCNAHHGS
			8×10	0.12	187	27	3160	1600	RKS1E151MCNAHJGS
			10×10	0.12	187	20	3800	2000	RKS1E151MCNAJJGS
			10×12.4	0.12	187	20	3800	2000	RKS1E151MCNAJLGS
		180	8×7.7	0.12	225	30	3160	1600	RKS1E181MCNAHGGS
			8×8.7	0.12	225	30	3160	1600	RKS1E181MCNAHHGS
			8×10	0.12	225	27	3160	1600	RKS1E181MCNAHJGS
			10×10	0.12	225	20	3800	2000	RKS1E181MCNAJJGS
			10×12.4	0.12	225	20	3800	2000	RKS1E181MCNAJLGS
		220	8×8.7	0.12	275	30	3160	1600	RKS1E221MCNAHHGS
			8×10	0.12	275	27	3160	1600	RKS1E221MCNAHJGS
			10×10	0.12	275	20	3800	2000	RKS1E221MCNAJJGS
			10×12.4	0.12	275	20	3800	2000	RKS1E221MCNAJLGS
		270	10×10	0.12	337	20	3800	2000	RKS1E271MCNAJJGS
			10×12.4	0.12	337	20	3800	2000	RKS1E271MCNAJLGS
		330	10×10	0.12	412	20	3800	2000	RKS1E331MCNAJJGS
			10×12.4	0.12	412	20	3800	2000	RKS1E331MCNAJLGS
		390	10×10	0.12	487	20	3800	2000	RKS1E391MCNAJJGS
			10×12.4	0.12	487	20	3800	2000	RKS1E391MCNAJLGS
		470	10×12.4	0.12	587	20	3800	2000	RKS1E471MCNAJLGS
		560	10×12.4	0.12	700	20	3800	2000	RKS1E561MCNAJLGS
35 (1V)	40.2	8.2	6.3×5.8	0.12	100	60	1900	900	RKS1V8R2MCNAFEGS
		10	6.3×5.8	0.12	100	60	1900	900	RKS1V100MCNAFEGS
		12	6.3×5.8	0.12	100	60	1900	900	RKS1V120MCNAFEGS
			6.3×7.7	0.12	100	35	2900	1400	RKS1V120MCNAFGGS
		15	6.3×5.8	0.12	100	60	1900	900	RKS1V150MCNAFEGS
			6.3×7.7	0.12	100	35	2900	1400	RKS1V150MCNAFGGS
			8×6.7	0.12	100	30	3160	1600	RKS1V150MCNAHFGS
		18	6.3×5.8	0.12	100	60	1900	900	RKS1V180MCNAFEGS
			6.3×7.7	0.12	100	35	2900	1400	RKS1V180MCNAFGGS
			8×6.7	0.12	100	30	3160	1600	RKS1V180MCNAHFGS
			8×7.7	0.12	100	30	3160	1600	RKS1V180MCNAHGGS
		22	6.3×5.8	0.12	100	60	1900	900	RKS1V220MCNAFEGS
			6.3×7.7	0.12	100	35	2900	1400	RKS1V220MCNAFGGS
			8×6.7	0.12	100	30	3160	1600	RKS1V220MCNAHFGS
			8×7.7	0.12	100	30	3160	1600	RKS1V220MCNAHGGS
			8×8.7	0.12	100	30	3160	1600	RKS1V220MCNAHHGS
			8×10	0.12	100	27	3160	1600	RKS1V220MCNAHJGS
		27	6.3×5.8	0.12	100	60	1900	900	RKS1V270MCNAFEGS
			6.3×7.7	0.12	100	35	2900	1400	RKS1V270MCNAFGGS
			8×6.7	0.12	100	30	3160	1600	RKS1V270MCNAHFGS
			8×7.7	0.12	100	30	3160	1600	RKS1V270MCNAHGGS
			8×8.7	0.12	100	30	3160	1600	RKS1V270MCNAHHGS
			8×10	0.12	100	27	3160	1600	RKS1V270MCNAHJGS

(*4) Ambient temperature of a capacitor

Blue : New product (as of October 2024)

RKS

■Dimensions

Rated Voltage (V) (code)	Surge Voltage (V)	Rated Capacitance (μF)	Case Size φD×L (mm)	tan δ	Leakage Current (μA) (at 20℃ after 2 minutes)	ESR (mΩ) (20℃/100kHz)	Rated Ripple Current (mArms/100kHz) ≦105℃ (*4)	Rated Ripple Current (mArms/100kHz) 105℃< ≦125℃ (*4)	Part Number
35 (1V)	40.2	33	6.3×5.8	0.12	100	60	1900	900	RKS1V330MCNAFEGS
			6.3×7.7	0.12	100	35	2900	1400	RKS1V330MCNAFGGS
			8×6.7	0.12	100	30	3160	1600	RKS1V330MCNAHFGS
			8×7.7	0.12	100	30	3160	1600	RKS1V330MCNAHGGS
			8×8.7	0.12	100	30	3160	1600	RKS1V330MCNAHHGS
			8×10	0.12	100	27	3160	1600	RKS1V330MCNAHJGS
		39	6.3×5.8	0.12	100	60	1900	900	RKS1V390MCNAFEGS
			6.3×7.7	0.12	100	35	2900	1400	RKS1V390MCNAFGGS
			8×6.7	0.12	100	30	3160	1600	RKS1V390MCNAHFGS
			8×7.7	0.12	100	30	3160	1600	RKS1V390MCNAHGGS
			8×8.7	0.12	100	30	3160	1600	RKS1V390MCNAHHGS
			8×10	0.12	100	27	3160	1600	RKS1V390MCNAHJGS
		47	6.3×5.8	0.12	100	60	1900	900	RKS1V470MCNAFEGS
			6.3×7.7	0.12	100	35	2900	1400	RKS1V470MCNAFGGS
			8×6.7	0.12	100	30	3160	1600	RKS1V470MCNAHFGS
			8×7.7	0.12	100	30	3160	1600	RKS1V470MCNAHGGS
			8×8.7	0.12	100	30	3160	1600	RKS1V470MCNAHHGS
			8×10	0.12	100	27	3160	1600	RKS1V470MCNAHJGS
			10×10	0.12	100	20	3800	2000	RKS1V470MCNAJJGS
		56	6.3×7.7	0.12	100	35	2900	1400	RKS1V560MCNAFGGS
			8×6.7	0.12	100	30	3160	1600	RKS1V560MCNAHFGS
			8×7.7	0.12	100	30	3160	1600	RKS1V560MCNAHGGS
			8×8.7	0.12	100	30	3160	1600	RKS1V560MCNAHHGS
			8×10	0.12	100	27	3160	1600	RKS1V560MCNAHJGS
			10×10	0.12	100	20	3800	2000	RKS1V560MCNAJJGS
		68	6.3×7.7	0.12	119	35	2900	1400	RKS1V680MCNAFGGS
			8×6.7	0.12	119	30	3160	1600	RKS1V680MCNAHFGS
			8×7.7	0.12	119	30	3160	1600	RKS1V680MCNAHGGS
			8×8.7	0.12	119	30	3160	1600	RKS1V680MCNAHHGS
			8×10	0.12	119	27	3160	1600	RKS1V680MCNAHJGS
			10×10	0.12	119	20	3800	2000	RKS1V680MCNAJJGS
			10×12.4	0.12	119	20	3800	2000	RKS1V680MCNAJLGS
		82	8×7.7	0.12	143	30	3160	1600	RKS1V820MCNAHGGS
			8×8.7	0.12	143	30	3160	1600	RKS1V820MCNAHHGS
			8×10	0.12	143	27	3160	1600	RKS1V820MCNAHJGS
			10×10	0.12	143	20	3800	2000	RKS1V820MCNAJJGS
			10×12.4	0.12	143	20	3800	2000	RKS1V820MCNAJLGS
		100	8×7.7	0.12	175	30	3160	1600	RKS1V101MCNAHGGS
			8×8.7	0.12	175	30	3160	1600	RKS1V101MCNAHHGS
			8×10	0.12	175	27	3160	1600	RKS1V101MCNAHJGS
			10×10	0.12	175	20	3800	2000	RKS1V101MCNAJJGS
			10×12.4	0.12	175	20	3800	2000	RKS1V101MCNAJLGS
		120	8×8.7	0.12	210	30	3160	1600	RKS1V121MCNAHHGS
			8×10	0.12	210	27	3160	1600	RKS1V121MCNAHJGS
			10×10	0.12	210	20	3800	2000	RKS1V121MCNAJJGS
			10×12.4	0.12	210	20	3800	2000	RKS1V121MCNAJLGS
		150	8×10	0.12	262	27	3160	1600	RKS1V151MCNAHJGS
			10×10	0.12	262	20	3800	2000	RKS1V151MCNAJJGS
			10×12.4	0.12	262	20	3800	2000	RKS1V151MCNAJLGS
		180	10×10	0.12	315	20	3800	2000	RKS1V181MCNAJJGS
			10×12.4	0.12	315	20	3800	2000	RKS1V181MCNAJLGS
		220	10×10	0.12	385	20	3800	2000	RKS1V221MCNAJJGS
			10×12.4	0.12	385	20	3800	2000	RKS1V221MCNAJLGS
		270	10×10	0.12	472	20	3800	2000	RKS1V271MCNAJJGS
			10×12.4	0.12	472	20	3800	2000	RKS1V271MCNAJLGS

(*4) Ambient temperature of a capacitor

Blue : New product (as of October 2024)

RKS

■Dimensions

Rated Voltage (V) (code)	Surge Voltage (V)	Rated Capacitance (μF)	Case Size φD×L (mm)	tan δ	Leakage Current (μA) (at 20℃ after 2 minutes)	ESR (mΩ) (20℃/100kHz)	Rated Ripple Current (mArms/100kHz) ≦105℃ (*4)	Rated Ripple Current (mArms/100kHz) 105℃< ≦125℃ (*4)	Part Number
50 (1H)	57.5	8.2	6.3×5.8	0.12	100	80	1600	750	RKS1H8R2MCNAFEGS
		10	6.3×5.8	0.12	100	80	1600	750	RKS1H100MCNAFEGS
		12	6.3×5.8	0.12	100	80	1600	750	RKS1H120MCNAFEGS
			6.3×7.7	0.12	100	40	2280	1100	RKS1H120MCNAFGGS
		15	6.3×5.8	0.12	100	80	1600	750	RKS1H150MCNAFEGS
			6.3×7.7	0.12	100	40	2280	1100	RKS1H150MCNAFGGS
			8×6.7	0.12	100	30	3160	1600	RKS1H150MCNAHFGS
		18	6.3×5.8	0.12	100	80	1600	750	RKS1H180MCNAFEGS
			6.3×7.7	0.12	100	40	2280	1100	RKS1H180MCNAFGGS
			8×6.7	0.12	100	30	3160	1600	RKS1H180MCNAHFGS
			8×7.7	0.12	100	30	3160	1600	RKS1H180MCNAHGGS
		22	6.3×5.8	0.12	100	80	1600	750	RKS1H220MCNAFEGS
			6.3×7.7	0.12	100	40	2280	1100	RKS1H220MCNAFGGS
			8×6.7	0.12	100	30	3160	1600	RKS1H220MCNAHFGS
			8×7.7	0.12	100	30	3160	1600	RKS1H220MCNAHGGS
			8×8.7	0.12	100	30	3160	1600	RKS1H220MCNAHHGS
			8×10	**0.12**	**100**	**30**	**2480**	**1250**	**RKS1H220MCNAHJGS**
		27	6.3×7.7	0.12	100	40	2280	1100	RKS1H270MCNAFGGS
			8×6.7	0.12	100	30	3160	1600	RKS1H270MCNAHFGS
			8×7.7	0.12	100	30	3160	1600	RKS1H270MCNAHGGS
			8×8.7	0.12	100	30	3160	1600	RKS1H270MCNAHHGS
			8×10	**0.12**	**100**	**30**	**2480**	**1250**	**RKS1H270MCNAHJGS**
		33	6.3×7.7	0.12	100	40	2280	1100	RKS1H330MCNAFGGS
			8×6.7	0.12	100	30	3160	1600	RKS1H330MCNAHFGS
			8×7.7	0.12	100	30	3160	1600	RKS1H330MCNAHGGS
			8×8.7	0.12	100	30	3160	1600	RKS1H330MCNAHHGS
			8×10	**0.12**	**100**	**30**	**2480**	**1250**	**RKS1H330MCNAHJGS**
		39	8×6.7	0.12	100	30	3160	1600	RKS1H390MCNAHFGS
			8×7.7	0.12	100	30	3160	1600	RKS1H390MCNAHGGS
			8×8.7	0.12	100	30	3160	1600	RKS1H390MCNAHHGS
			8×10	**0.12**	**100**	**30**	**2480**	**1250**	**RKS1H390MCNAHJGS**
		47	8×7.7	0.12	117	30	3160	1600	RKS1H470MCNAHGGS
			8×8.7	0.12	117	30	3160	1600	RKS1H470MCNAHHGS
			8×10	**0.12**	**117**	**30**	**2480**	**1250**	**RKS1H470MCNAHJGS**
			10×10	**0.12**	**117**	**25**	**3050**	**1600**	**RKS1H470MCNAJJGS**
		56	8×8.7	0.12	140	30	3160	1600	RKS1H560MCNAHHGS
			8×10	**0.12**	**140**	**30**	**2480**	**1250**	**RKS1H560MCNAHJGS**
			10×10	**0.12**	**140**	**25**	**3050**	**1600**	**RKS1H560MCNAJJGS**
		68	**8×10**	**0.12**	**170**	**30**	**2480**	**1250**	**RKS1H680MCNAHJGS**
			10×10	**0.12**	**170**	**25**	**3050**	**1600**	**RKS1H680MCNAJJGS**
			10×12.4	**0.12**	**170**	**25**	**3050**	**1600**	**RKS1H680MCNAJLGS**
		82	**10×10**	**0.12**	**205**	**25**	**3050**	**1600**	**RKS1H820MCNAJJGS**
			10×12.4	**0.12**	**205**	**25**	**3050**	**1600**	**RKS1H820MCNAJLGS**
		100	**10×10**	**0.12**	**250**	**25**	**3050**	**1600**	**RKS1H101MCNAJJGS**
			10×12.4	**0.12**	**250**	**25**	**3050**	**1600**	**RKS1H101MCNAJLGS**
		120	**10×10**	**0.12**	**300**	**25**	**3050**	**1600**	**RKS1H121MCNAJJGS**
			10×12.4	**0.12**	**300**	**25**	**3050**	**1600**	**RKS1H121MCNAJLGS**
		150	**10×12.4**	**0.12**	**375**	**25**	**3050**	**1600**	**RKS1H151MCNAJLGS**
63 (1J)	72.5	8.2	6.3×5.8	0.12	100	120	1500	700	RKS1J8R2MCNAFEGS
			6.3×7.7	0.12	100	80	1860	900	RKS1J8R2MCNAFGGS
			8×6.7	0.12	100	40	2180	1100	RKS1J8R2MCNAHFGS
		10	6.3×5.8	0.12	100	120	1500	700	RKS1J100MCNAFEGS
			6.3×7.7	0.12	100	80	1860	900	RKS1J100MCNAFGGS
			8×6.7	0.12	100	40	2180	1100	RKS1J100MCNAHFGS

(*4) Ambient temperature of a capacitor

Blue : New product (as of October 2024)

RKS

■Dimensions

Rated Voltage (V) (code)	Surge Voltage (V)	Rated Capacitance (μF)	Case Size φD×L (mm)	tan δ	Leakage Current (μA) (at 20℃ after 2 minutes)	ESR (mΩ) (20℃/100kHz)	Rated Ripple Current (mArms/100kHz) ≦105℃ (*4)	Rated Ripple Current (mArms/100kHz) 105℃< ≦125℃ (*4)	Part Number
63 (1J)	72.5	12	6.3×5.8	0.12	100	120	1500	700	RKS1J120MCNAFEGS
			6.3×7.7	0.12	100	80	1860	900	RKS1J120MCNAFGGS
			8×6.7	0.12	100	40	2180	1100	RKS1J120MCNAHFGS
			8×7.7	0.12	100	40	2180	1100	RKS1J120MCNAHGGS
		15	6.3×5.8	0.12	100	120	1500	700	RKS1J150MCNAFEGS
			6.3×7.7	0.12	100	80	1860	900	RKS1J150MCNAFGGS
			8×6.7	0.12	100	40	2180	1100	RKS1J150MCNAHFGS
			8×7.7	0.12	100	40	2180	1100	RKS1J150MCNAHGGS
			8×8.7	0.12	100	40	2180	1100	RKS1J150MCNAHHGS
			8×10	0.12	100	40	2180	1100	RKS1J150MCNAHJGS
		18	6.3×7.7	0.12	100	80	1860	900	RKS1J180MCNAFGGS
			8×6.7	0.12	100	40	2180	1100	RKS1J180MCNAHFGS
			8×7.7	0.12	100	40	2180	1100	RKS1J180MCNAHGGS
			8×8.7	0.12	100	40	2180	1100	RKS1J180MCNAHHGS
			8×10	0.12	100	40	2180	1100	RKS1J180MCNAHJGS
		22	6.3×7.7	0.12	100	80	1860	900	RKS1J220MCNAFGGS
			8×6.7	0.12	100	40	2180	1100	RKS1J220MCNAHFGS
			8×7.7	0.12	100	40	2180	1100	RKS1J220MCNAHGGS
			8×8.7	0.12	100	40	2180	1100	RKS1J220MCNAHHGS
			8×10	0.12	100	40	2180	1100	RKS1J220MCNAHJGS
		27	8×6.7	0.12	100	40	2180	1100	RKS1J270MCNAHFGS
			8×7.7	0.12	100	40	2180	1100	RKS1J270MCNAHGGS
			8×8.7	0.12	100	40	2180	1100	RKS1J270MCNAHHGS
			8×10	0.12	100	40	2180	1100	RKS1J270MCNAHJGS
			10×10	0.12	100	30	2680	1400	RKS1J270MCNAJJGS
		33	8×7.7	0.12	103	40	2180	1100	RKS1J330MCNAHGGS
			8×8.7	0.12	103	40	2180	1100	RKS1J330MCNAHHGS
			8×10	0.12	103	40	2180	1100	RKS1J330MCNAHJGS
			10×10	0.12	103	30	2680	1400	RKS1J330MCNAJJGS
		39	8×7.7	0.12	122	40	2180	1100	RKS1J390MCNAHGGS
			8×8.7	0.12	122	40	2180	1100	RKS1J390MCNAHHGS
			8×10	0.12	122	40	2180	1100	RKS1J390MCNAHJGS
			10×10	0.12	122	30	2680	1400	RKS1J390MCNAJJGS
			10×12.4	0.12	122	30	2680	1400	RKS1J390MCNAJLGS
		47	8×8.7	0.12	148	40	2180	1100	RKS1J470MCNAHHGS
			8×10	0.12	148	40	2180	1100	RKS1J470MCNAHJGS
			10×10	0.12	148	30	2680	1400	RKS1J470MCNAJJGS
			10×12.4	0.12	148	30	2680	1400	RKS1J470MCNAJLGS
		56	10×10	0.12	176	30	2680	1400	RKS1J560MCNAJJGS
			10×12.4	0.12	176	30	2680	1400	RKS1J560MCNAJLGS
		68	10×10	0.12	214	30	2680	1400	RKS1J680MCNAJJGS
			10×12.4	0.12	214	30	2680	1400	RKS1J680MCNAJLGS
		82	10×10	0.12	258	30	2680	1400	RKS1J820MCNAJJGS
			10×12.4	0.12	258	30	2680	1400	RKS1J820MCNAJLGS
		100	10×12.4	0.12	315	30	2680	1400	RKS1J101MCNAJLGS

(*4) Ambient temperature of a capacitor

Blue : New product (as of October 2024)

RKS

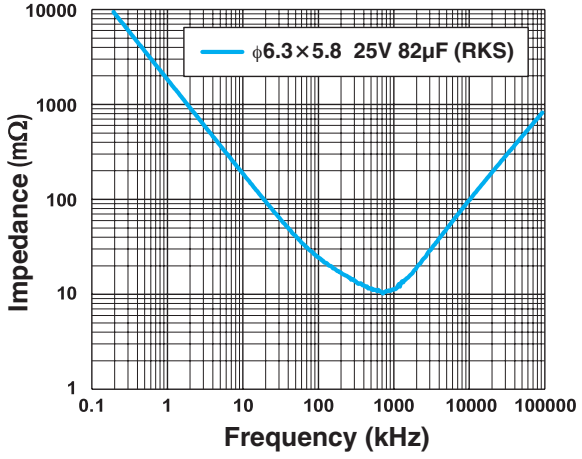
■Dimensions

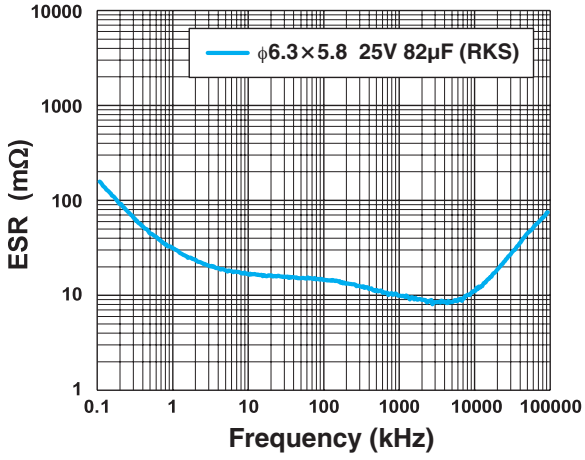
Rated Voltage (V) (code)	Surge Voltage (V)	Rated Capacitance (μF)	Case Size φD×L (mm)	tan δ	Leakage Current (μA) (at 20℃ after 2 minutes)	ESR (mΩ) (20℃/100kHz)	Rated Ripple Current (mArms/100kHz) ≦105℃ (*4)	Rated Ripple Current (mArms/100kHz) 105℃< ≦125℃ (*4)	Part Number
80 (1K)	92	27	10×10	0.12	108	30	2680	1400	RKS1K270MCNAJJGS
		33	10×10	0.12	132	30	2680	1400	RKS1K330MCNAJJGS
		39	10×10	0.12	156	30	2680	1400	RKS1K390MCNAJJGS
			10×12.4	0.12	156	30	2680	1400	RKS1K390MCNAJLGS
		47	10×10	0.12	188	30	2680	1400	RKS1K470MCNAJJGS
			10×12.4	0.12	188	30	2680	1400	RKS1K470MCNAJLGS
		56	10×10	0.12	224	30	2680	1400	RKS1K560MCNAJJGS
			10×12.4	0.12	224	30	2680	1400	RKS1K560MCNAJLGS
		68	10×12.4	0.12	272	30	2680	1400	RKS1K680MCNAJLGS

(*4) Ambient temperature of a capacitor

Blue : New product (as of October 2024)

■ Frequency Characteristics (The frequency characteristics are typical and not a guaranteed value.)





- For taping specifications, recommended land size/soldering by reflow and minimum order quantity, please refer to the Guidelines for Aluminum Electrolytic Capacitors.