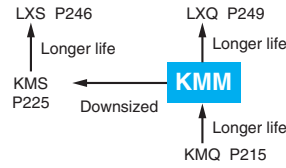


# KMM Series

- Longer life from KMQ series
- Endurance with ripple current : 2,000 to 3,000 hours at 105°C
- Non solvent resistant type
- RoHS Compliant

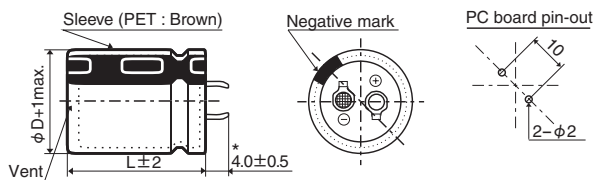


## SPECIFICATIONS

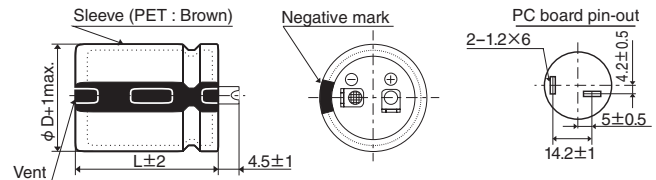
Items	Characteristics		
Category	Temperature Range		
Temperature Range	-25 to +105°C		
Rated Voltage Range	160 to 450V <sub>dc</sub>		
Capacitance Tolerance	±20% (M) (at 20°C, 120Hz)		
Leakage Current	I ≤ 3√CV Where, I : Max. leakage current (µA), C : Nominal capacitance (µF), V : Rated voltage (V) (at 20°C after 5 minutes)		
Dissipation Factor (tanδ)	Rated voltage (V <sub>dc</sub> )	160 to 400V	420 & 450V
	tanδ (Max.)	0.15	0.20
Low Temperature Characteristics (Max. Impedance Ratio)	Rated voltage (V <sub>dc</sub> )	160 to 400V	420 & 450V
	Z(-25°C)/Z(+20°C)	4	8
Endurance	The following specifications shall be satisfied when the capacitors are restored to 20°C after subjected to DC voltage with the rated ripple current is applied (the peak voltage shall not exceed the rated voltage) for 3,000 hours (2,000 hours for φ20×20L products) at 105°C.		
	Capacitance change	≤ ±20% of the initial value	
	D.F. (tanδ)	≤ 200% of the initial specified value	
	Leakage current	≤ The initial specified value	
Shelf Life	The following specifications shall be satisfied when the capacitors are restored to 20°C after exposing them for 1,000 hours at 105°C without voltage applied. Before the measurement, the capacitor shall be preconditioned by applying voltage according to Item 4.1 of JIS C 5101-4.		
	Capacitance change	≤ ±15% of the initial value	
	D.F. (tanδ)	≤ 150% of the initial specified value	
	Leakage current	≤ The initial specified value	

## DIMENSIONS [mm]

● Terminal Code : VS (φ20 to φ35) : Standard



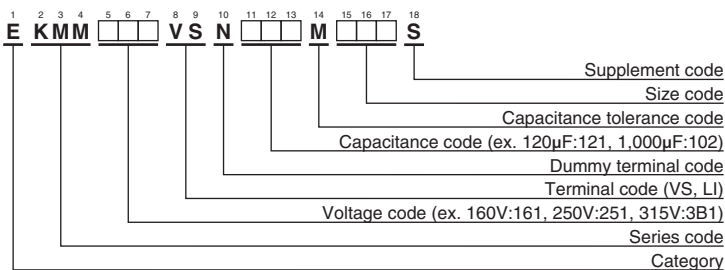
● Terminal Code : LI (φ35)



\* φD=35mm : 3.5±0.5mm

The standard design has no plastic disc.

## PART NUMBERING SYSTEM



Please refer to "Product code guide (snap-in type)"

### STANDARD RATINGS

WV (Vdc)	Cap (μF)	Case size φD×L(mm)	tanδ	Rated ripple current (Arms/105°C, 120Hz)	Part No.	WV (Vdc)	Cap (μF)	Case size φD×L(mm)	tanδ	Rated ripple current (Arms/105°C, 120Hz)	Part No.
160	180	20×20	0.15	0.68	EKMM161VSN181MN20S	180	560	20×45	0.15	1.55	EKMM181VSN561MN45S
	220	20×25	0.15	0.85	EKMM161VSN221MN25S		560	22×40	0.15	1.67	EKMM181VSN561MP40S
	220	22×20	0.15	0.81	EKMM161VSN221MP20S		560	25.4×30	0.15	1.67	EKMM181VSN561MQ30S
	270	20×25	0.15	1.10	EKMM161VSN271MN25S		560	30×25	0.15	1.67	EKMM181VSN561MR25S
	270	25.4×20	0.15	0.98	EKMM161VSN271MQ20S		560	35×20	0.15	1.43	EKMM181VSN561MA20S
	330	20×30	0.15	1.20	EKMM161VSN331MN30S		680	20×50	0.15	1.75	EKMM181VSN681MN50S
	330	22×25	0.15	1.20	EKMM161VSN331MP25S		680	22×45	0.15	1.78	EKMM181VSN681MP45S
	330	25.4×20	0.15	1.02	EKMM161VSN331MQ20S		680	25.4×35	0.15	1.78	EKMM181VSN681MQ35S
	390	20×30	0.15	1.30	EKMM161VSN391MN30S		680	30×30	0.15	1.78	EKMM181VSN681MR30S
	390	22×25	0.15	1.30	EKMM161VSN391MP25S		680	35×25	0.15	1.83	EKMM181VSN681MA25S
	390	25.4×25	0.15	1.26	EKMM161VSN391MQ25S		820	22×50	0.15	2.04	EKMM181VSN821MP50S
	390	30×20	0.15	1.25	EKMM161VSN391MR20S		820	25.4×40	0.15	2.04	EKMM181VSN821MQ40S
	470	20×35	0.15	1.34	EKMM161VSN471MN35S		820	30×30	0.15	2.04	EKMM181VSN821MR30S
	470	22×30	0.15	1.55	EKMM161VSN471MP30S		820	35×25	0.15	2.04	EKMM181VSN821MA25S
	470	25.4×25	0.15	1.55	EKMM161VSN471MQ25S		1,000	25.4×45	0.15	2.30	EKMM181VSN102MQ45S
	470	30×20	0.15	1.30	EKMM161VSN471MR20S		1,000	30×35	0.15	2.30	EKMM181VSN102MR35S
	560	20×40	0.15	1.50	EKMM161VSN561MN40S		1,000	35×30	0.15	2.30	EKMM181VSN102MA30S
	560	22×35	0.15	1.67	EKMM161VSN561MP35S		1,200	25.4×50	0.15	2.55	EKMM181VSN122MP50S
	560	25.4×30	0.15	1.67	EKMM161VSN561MQ30S		1,200	30×40	0.15	2.55	EKMM181VSN122MR40S
	560	30×25	0.15	1.67	EKMM161VSN561MR25S		1,200	35×30	0.15	2.55	EKMM181VSN122MA30S
	560	35×20	0.15	1.46	EKMM161VSN561MA20S		1,500	30×45	0.15	2.90	EKMM181VSN152MR45S
	680	20×45	0.15	1.70	EKMM161VSN681MN45S		1,500	35×35	0.15	2.90	EKMM181VSN152MA35S
	680	22×40	0.15	1.82	EKMM161VSN681MP40S		1,800	30×60	0.15	3.49	EKMM181VSN182MR60S
	680	25.4×30	0.15	1.82	EKMM161VSN681MQ30S		1,800	35×40	0.15	3.30	EKMM181VSN182MA40S
	680	30×25	0.15	1.82	EKMM161VSN681MR25S		2,200	35×50	0.15	3.65	EKMM181VSN222MA50S
	680	35×20	0.15	1.51	EKMM161VSN681MA20S		2,700	35×60	0.15	4.19	EKMM181VSN272MA60S
	820	22×45	0.15	2.04	EKMM161VSN821MP45S		120	20×20	0.15	0.56	EKMM201VSN121MN20S
	820	25.4×35	0.15	2.04	EKMM161VSN821MQ35S		150	20×25	0.15	0.71	EKMM201VSN151MN25S
	820	30×30	0.15	2.04	EKMM161VSN821MR30S		150	22×20	0.15	0.73	EKMM201VSN151MP20S
	820	35×25	0.15	2.04	EKMM161VSN821MA25S		180	20×25	0.15	0.77	EKMM201VSN181MN25S
	1,000	22×50	0.15	2.25	EKMM161VSN102MP50S		180	22×20	0.15	0.80	EKMM201VSN181MP20S
	1,000	25.4×40	0.15	2.25	EKMM161VSN102MQ40S		220	20×25	0.15	1.00	EKMM201VSN221MN25S
	1,000	30×30	0.15	2.25	EKMM161VSN102MR30S		220	25.4×20	0.15	0.85	EKMM201VSN221MQ20S
	1,000	35×25	0.15	2.25	EKMM161VSN102MA25S		270	20×30	0.15	1.10	EKMM201VSN271MN30S
	1,200	25.4×45	0.15	2.49	EKMM161VSN122MP45S		270	22×25	0.15	1.10	EKMM201VSN271MP25S
	1,200	30×35	0.15	2.49	EKMM161VSN122MR35S		270	30×20	0.15	1.05	EKMM201VSN271MR20S
	1,200	35×30	0.15	2.49	EKMM161VSN122MA30S		330	20×35	0.15	1.20	EKMM201VSN331MN35S
	1,500	25.4×60	0.15	2.97	EKMM161VSN152MQ60S		330	22×30	0.15	1.25	EKMM201VSN331MP30S
	1,500	30×40	0.15	2.84	EKMM161VSN152MR40S		330	25.4×25	0.15	1.25	EKMM201VSN331MQ25S
	1,500	35×30	0.15	2.84	EKMM161VSN152MA30S		330	30×20	0.15	1.10	EKMM201VSN331MR20S
	1,800	30×45	0.15	3.32	EKMM161VSN182MR45S		390	20×40	0.15	1.31	EKMM201VSN391MN40S
	1,800	35×35	0.15	3.00	EKMM161VSN182MA35S		390	22×30	0.15	1.35	EKMM201VSN391MP30S
	2,200	30×60	0.15	3.86	EKMM161VSN222MR60S		390	25.4×25	0.15	1.35	EKMM201VSN391MQ25S
	2,200	35×45	0.15	3.50	EKMM161VSN222MA45S		390	35×20	0.15	1.30	EKMM201VSN391MA20S
	2,700	35×50	0.15	4.00	EKMM161VSN272MA50S		470	20×45	0.15	1.45	EKMM201VSN471MN45S
3,300	35×60	0.15	4.63	EKMM161VSN332MA60S	470	22×35	0.15	1.50	EKMM201VSN471MP35S		
180	150	20×20	0.15	0.62	EKMM181VSN151MN20S	470	25.4×30	0.15	1.50	EKMM201VSN471MQ30S	
	180	20×25	0.15	0.77	EKMM181VSN181MN25S	470	30×25	0.15	1.50	EKMM201VSN471MR25S	
	180	22×20	0.15	0.80	EKMM181VSN181MP20S	470	35×20	0.15	1.41	EKMM201VSN471MA20S	
	220	20×25	0.15	1.00	EKMM181VSN221MN25S	560	20×50	0.15	1.58	EKMM201VSN561MN50S	
	220	25.4×20	0.15	0.90	EKMM181VSN221MQ20S	560	22×40	0.15	1.67	EKMM201VSN561MP40S	
	270	20×30	0.15	1.10	EKMM181VSN271MN30S	560	25.4×30	0.15	1.67	EKMM201VSN561MQ30S	
	270	22×25	0.15	1.00	EKMM181VSN271MP25S	560	30×25	0.15	1.67	EKMM201VSN561MR25S	
	270	25.4×20	0.15	0.95	EKMM181VSN271MQ20S	680	22×45	0.15	1.78	EKMM201VSN681MP45S	
	330	20×30	0.15	1.20	EKMM181VSN331MN30S	680	25.4×35	0.15	1.78	EKMM201VSN681MQ35S	
	330	22×25	0.15	1.20	EKMM181VSN331MP25S	680	30×30	0.15	1.78	EKMM201VSN681MR30S	
	330	25.4×25	0.15	1.16	EKMM181VSN331MQ25S	680	35×25	0.15	1.78	EKMM201VSN681MA25S	
	330	30×20	0.15	1.15	EKMM181VSN331MR20S	820	25.4×45	0.15	2.04	EKMM201VSN821MQ45S	
	390	20×35	0.15	1.30	EKMM181VSN391MN35S	820	30×30	0.15	2.04	EKMM201VSN821MR30S	
	390	22×30	0.15	1.35	EKMM181VSN391MP30S	820	35×25	0.15	2.04	EKMM201VSN821MA25S	
	390	25.4×25	0.15	1.35	EKMM181VSN391MQ25S	1,000	25.4×50	0.15	2.30	EKMM201VSN102MQ50S	
	390	30×20	0.15	1.20	EKMM181VSN391MR20S	1,000	30×35	0.15	2.30	EKMM201VSN102MR35S	
	470	20×40	0.15	1.40	EKMM181VSN471MN40S	1,000	35×30	0.15	2.30	EKMM201VSN102MA30S	
	470	22×35	0.15	1.50	EKMM181VSN471MP35S	1,200	25.4×60	0.15	2.66	EKMM201VSN122MQ60S	
	470	25.4×30	0.15	1.50	EKMM181VSN471MQ30S	1,200	30×40	0.15	2.65	EKMM201VSN122MR40S	
	470	30×25	0.15	1.50	EKMM181VSN471MR25S	1,200	35×35	0.15	2.65	EKMM201VSN122MA35S	
	470	35×20	0.15	1.36	EKMM181VSN471MA20S	1,500	30×50	0.15	3.08	EKMM201VSN152MR50S	



**KMM Series**

**◆STANDARD RATINGS**

WV (Vdc)	Cap (µF)	Case size φD×L(mm)	tanδ	Rated ripple current (Arms/ 105°C,120Hz)	Part No.	WV (Vdc)	Cap (µF)	Case size φD×L(mm)	tanδ	Rated ripple current (Arms/ 105°C,120Hz)	Part No.
315	560	30×45	0.15	2.05	EKMM3B1VSN561MR45S	400	100	30×20	0.15	0.60	EKMM401VSN101MR20S
	560	35×35	0.15	2.05	EKMM3B1VSN561MA35S		120	20×40	0.15	0.75	EKMM401VSN121MN40S
	680	30×50	0.15	2.17	EKMM3B1VSN681MR50S		120	22×35	0.15	0.75	EKMM401VSN121MP35S
	680	35×40	0.15	2.17	EKMM3B1VSN681MA40S		120	25.4×25	0.15	0.75	EKMM401VSN121MQ25S
	820	35×45	0.15	2.20	EKMM3B1VSN821MA45S		120	30×25	0.15	0.73	EKMM401VSN121MR25S
	1,000	35×60	0.15	2.55	EKMM3B1VSN102MA60S		120	35×20	0.15	0.75	EKMM401VSN121MA20S
350	47	20×20	0.15	0.35	EKMM351VSN470MN20S		150	20×45	0.15	0.83	EKMM401VSN151MN45S
	56	20×25	0.15	0.43	EKMM351VSN560MN25S		150	22×40	0.15	0.88	EKMM401VSN151MP40S
	56	22×20	0.15	0.41	EKMM351VSN560MP20S		150	25.4×30	0.15	0.88	EKMM401VSN151MQ30S
	68	20×25	0.15	0.47	EKMM351VSN680MN25S		150	30×25	0.15	0.88	EKMM401VSN151MR25S
	68	25.4×20	0.15	0.46	EKMM351VSN680MQ20S		150	35×20	0.15	0.80	EKMM401VSN151MA20S
	82	20×30	0.15	0.54	EKMM351VSN820MN30S		180	22×45	0.15	0.98	EKMM401VSN181MP45S
	82	22×25	0.15	0.55	EKMM351VSN820MP25S		180	25.4×35	0.15	0.98	EKMM401VSN181MQ35S
	82	25.4×20	0.15	0.51	EKMM351VSN820MQ20S		180	30×30	0.15	0.98	EKMM401VSN181MR30S
	100	20×30	0.15	0.60	EKMM351VSN101MN30S		180	35×25	0.15	0.98	EKMM401VSN181MA25S
	100	22×25	0.15	0.69	EKMM351VSN101MP25S		220	22×50	0.15	1.10	EKMM401VSN221MP50S
	100	30×20	0.15	0.60	EKMM351VSN101MR20S		220	25.4×40	0.15	1.10	EKMM401VSN221MQ40S
	120	20×35	0.15	0.68	EKMM351VSN121MN35S		220	30×30	0.15	1.10	EKMM401VSN221MR30S
	120	22×30	0.15	0.75	EKMM351VSN121MP30S		220	35×25	0.15	1.10	EKMM401VSN221MA25S
	120	25.4×25	0.15	0.75	EKMM351VSN121MQ25S		270	25.4×45	0.15	1.22	EKMM401VSN271MQ45S
	120	30×20	0.15	0.65	EKMM351VSN121MR20S		270	30×35	0.15	1.22	EKMM401VSN271MR35S
	150	20×40	0.15	0.78	EKMM351VSN151MN40S		270	35×30	0.15	1.22	EKMM401VSN271MA30S
	150	22×35	0.15	0.82	EKMM351VSN151MP35S		330	25.4×50	0.15	1.44	EKMM401VSN331MQ50S
	150	25.4×30	0.15	0.83	EKMM351VSN151MQ30S		330	30×40	0.15	1.44	EKMM401VSN331MR40S
	150	30×25	0.15	0.82	EKMM351VSN151MR25S		330	35×30	0.15	1.44	EKMM401VSN331MA30S
	150	35×20	0.15	0.76	EKMM351VSN151MA20S		390	25.4×60	0.15	1.51	EKMM401VSN391MQ60S
	180	20×45	0.15	0.87	EKMM351VSN181MN45S	390	30×45	0.15	1.60	EKMM401VSN391MR45S	
	180	22×40	0.15	0.92	EKMM351VSN181MP40S	390	35×35	0.15	1.60	EKMM401VSN391MA35S	
	180	25.4×30	0.15	0.92	EKMM351VSN181MQ30S	470	30×50	0.15	1.90	EKMM401VSN471MR50S	
	180	30×25	0.15	0.90	EKMM351VSN181MR25S	470	35×40	0.15	1.90	EKMM401VSN471MA40S	
	220	20×50	0.15	1.00	EKMM351VSN221MN50S	560	30×60	0.15	2.10	EKMM401VSN561MR60S	
	220	22×45	0.15	1.05	EKMM351VSN221MP45S	560	35×45	0.15	2.12	EKMM401VSN561MA45S	
	220	25.4×35	0.15	1.04	EKMM351VSN221MQ35S	680	35×60	0.15	2.27	EKMM401VSN681MA60S	
	220	30×30	0.15	1.02	EKMM351VSN221MR30S	420	39	20×20	0.20	0.32	EKMM421VSN390MN20S
	220	35×25	0.15	1.04	EKMM351VSN221MA25S		47	20×25	0.20	0.39	EKMM421VSN470MN25S
	270	22×50	0.15	1.16	EKMM351VSN271MP50S		47	22×20	0.20	0.37	EKMM421VSN470MP20S
	270	25.4×40	0.15	1.18	EKMM351VSN271MQ40S		56	20×25	0.20	0.51	EKMM421VSN560MN25S
	270	30×30	0.15	1.17	EKMM351VSN271MR30S		56	25.4×20	0.20	0.42	EKMM421VSN560MQ20S
	270	35×25	0.15	1.20	EKMM351VSN271MA25S		68	20×30	0.20	0.56	EKMM421VSN680MN30S
	330	25.4×45	0.15	1.29	EKMM351VSN331MQ45S		68	22×25	0.20	0.50	EKMM421VSN680MP25S
	330	30×35	0.15	1.34	EKMM351VSN331MR35S		68	25.4×20	0.20	0.46	EKMM421VSN680MQ20S
	330	35×30	0.15	1.22	EKMM351VSN331MA30S		82	20×35	0.20	0.64	EKMM421VSN820MN35S
	390	25.4×50	0.15	1.51	EKMM351VSN391MQ50S		82	22×25	0.20	0.64	EKMM421VSN820MP25S
	390	30×40	0.15	1.51	EKMM351VSN391MR40S		82	25.4×25	0.20	0.58	EKMM421VSN820MQ25S
	390	35×35	0.15	1.47	EKMM351VSN391MA35S		82	30×20	0.20	0.53	EKMM421VSN820MR20S
	470	25.4×60	0.15	1.66	EKMM351VSN471MQ60S		100	20×35	0.20	0.70	EKMM421VSN101MN35S
	470	30×45	0.15	1.65	EKMM351VSN471MR45S		100	22×30	0.20	0.70	EKMM421VSN101MP30S
470	35×35	0.15	1.69	EKMM351VSN471MA35S	100		25.4×25	0.20	0.70	EKMM421VSN101MQ25S	
560	30×50	0.15	1.85	EKMM351VSN561MR50S	100		30×20	0.20	0.59	EKMM421VSN101MR20S	
560	35×40	0.15	1.90	EKMM351VSN561MA40S	120		20×40	0.20	0.75	EKMM421VSN121MN40S	
680	30×60	0.15	2.15	EKMM351VSN681MR60S	120		22×35	0.20	0.75	EKMM421VSN121MP35S	
680	35×50	0.15	1.99	EKMM351VSN681MA50S	120		25.4×30	0.20	0.75	EKMM421VSN121MQ30S	
820	35×60	0.15	2.31	EKMM351VSN821MA60S	120		30×25	0.20	0.73	EKMM421VSN121MR25S	
400	39	20×20	0.15	0.32	EKMM401VSN390MN20S		120	35×20	0.20	0.67	EKMM421VSN121MA20S
	47	20×25	0.15	0.39	EKMM401VSN470MN25S		150	20×50	0.20	0.88	EKMM421VSN151MN50S
	47	22×20	0.15	0.37	EKMM401VSN470MP20S		150	22×40	0.20	0.88	EKMM421VSN151MP40S
	56	20×25	0.15	0.51	EKMM401VSN560MN25S		150	25.4×35	0.20	0.88	EKMM421VSN151MQ35S
	56	25.4×20	0.15	0.42	EKMM401VSN560MQ20S		150	30×25	0.20	0.88	EKMM421VSN151MR25S
	68	20×30	0.15	0.56	EKMM401VSN680MN30S		180	22×45	0.20	0.95	EKMM421VSN181MP45S
	68	22×25	0.15	0.50	EKMM401VSN680MP25S	180	25.4×35	0.20	0.95	EKMM421VSN181MQ35S	
	68	25.4×20	0.15	0.46	EKMM401VSN680MQ20S	180	30×30	0.20	0.95	EKMM421VSN181MR30S	
	82	20×30	0.15	0.64	EKMM401VSN820MN30S	180	35×25	0.20	0.94	EKMM421VSN181MA25S	
	82	22×25	0.15	0.64	EKMM401VSN820MP25S	220	22×50	0.20	1.10	EKMM421VSN221MP50S	
	82	30×20	0.15	0.55	EKMM401VSN820MR20S	220	25.4×45	0.20	1.10	EKMM421VSN221MQ45S	
	100	20×35	0.15	0.70	EKMM401VSN101MN35S	220	30×35	0.20	1.10	EKMM421VSN221MR35S	
	100	22×30	0.15	0.70	EKMM401VSN101MP30S	220	35×25	0.20	1.10	EKMM421VSN221MA25S	
	100	25.4×25	0.15	0.70	EKMM401VSN101MQ25S	270	25.4×50	0.20	1.22	EKMM421VSN271MQ50S	

Product specifications in this catalog are subject to change without notice. Request our product specifications before purchase and/or use. Please use our products based on the information contained in this catalog and product specifications.

KMM Series

◆STANDARD RATINGS

WV (V <sub>dc</sub> )	Cap (μF)	Case size φD×L(mm)	tanδ	Rated ripple current (Arms/105°C,120Hz)	Part No.	WV (V <sub>dc</sub> )	Cap (μF)	Case size φD×L(mm)	tanδ	Rated ripple current (Arms/105°C,120Hz)	Part No.
420	270	30×40	0.20	1.22	EKMM421VSN271MR40S	450	120	20×50	0.20	0.75	EKMM451VSN121MN50S
	270	35×30	0.20	1.22	EKMM421VSN271MA30S		120	22×40	0.20	0.80	EKMM451VSN121MP40S
	330	25.4×60	0.20	1.41	EKMM421VSN331MQ60S		120	25.4×30	0.20	0.80	EKMM451VSN121MQ30S
	330	30×45	0.20	1.45	EKMM421VSN331MR45S		120	30×25	0.20	0.80	EKMM451VSN121MR25S
	330	35×35	0.20	1.45	EKMM421VSN331MA35S		120	35×25	0.20	0.73	EKMM451VSN121MA25S
	390	30×50	0.20	1.55	EKMM421VSN391MR50S		150	22×45	0.20	0.88	EKMM451VSN151MP45S
	390	35×40	0.20	1.55	EKMM421VSN391MA40S		150	25.4×35	0.20	0.88	EKMM451VSN151MQ35S
	470	30×60	0.20	1.79	EKMM421VSN471MR60S		150	30×30	0.20	0.88	EKMM451VSN151MR30S
	470	35×45	0.20	1.90	EKMM421VSN471MA45S		150	35×25	0.20	0.75	EKMM451VSN151MA25S
	560	35×50	0.20	2.15	EKMM421VSN561MA50S		180	22×50	0.20	1.00	EKMM451VSN181MP50S
	680	35×60	0.20	2.27	EKMM421VSN681MA60S		180	25.4×40	0.20	1.00	EKMM451VSN181MQ40S
450	39	20×25	0.20	0.34	EKMM451VSN390MN25S		180	30×30	0.20	1.00	EKMM451VSN181MR30S
	47	20×25	0.20	0.39	EKMM451VSN470MN25S		220	25.4×45	0.20	1.12	EKMM451VSN221MQ45S
	56	20×30	0.20	0.51	EKMM451VSN560MN30S		220	30×35	0.20	1.12	EKMM451VSN221MR35S
	56	22×25	0.20	0.40	EKMM451VSN560MP25S		220	35×30	0.20	1.12	EKMM451VSN221MA30S
	68	20×35	0.20	0.56	EKMM451VSN680MN35S		270	25.4×60	0.20	1.18	EKMM451VSN271MQ60S
	68	22×30	0.20	0.53	EKMM451VSN680MP30S		270	30×40	0.20	1.28	EKMM451VSN271MR40S
	68	25.4×25	0.20	0.50	EKMM451VSN680MQ25S		270	35×35	0.20	1.28	EKMM451VSN271MA35S
	82	20×35	0.20	0.64	EKMM451VSN820MN35S		330	30×50	0.20	1.45	EKMM451VSN331MR50S
	82	22×30	0.20	0.64	EKMM451VSN820MP30S		330	35×40	0.20	1.45	EKMM451VSN331MA40S
	82	25.4×25	0.20	0.64	EKMM451VSN820MQ25S		390	30×60	0.20	1.51	EKMM451VSN391MR60S
	100	20×45	0.20	0.69	EKMM451VSN101MN45S	390	35×40	0.20	1.55	EKMM451VSN391MA40S	
	100	22×35	0.20	0.69	EKMM451VSN101MP35S	470	35×50	0.20	1.85	EKMM451VSN471MA50S	
	100	25.4×30	0.20	0.69	EKMM451VSN101MQ30S	560	35×60	0.20	1.91	EKMM451VSN561MA60S	
	100	30×25	0.20	0.64	EKMM451VSN101MR25S						

◆RATED RIPPLE CURRENT MULTIPLIERS

●Frequency Multipliers

Frequency (Hz)	50	120	300	1k	10k	50k
160 to 250V <sub>dc</sub>	0.81	1.00	1.17	1.32	1.45	1.50
315 to 450V <sub>dc</sub>	0.77	1.00	1.16	1.30	1.41	1.43

The endurance of capacitors is reduced with internal heating produced by ripple current at the rate of halving the lifetime with every 5°C rise. When long life performance is required in actual use, the rms ripple current has to be reduced.

## Данный компонент на территории Российской Федерации

### Вы можете приобрести в компании MosChip.

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

### Офис по работе с юридическими лицами:

105318, г.Москва, ул.Щербаковская д.3, офис 1107, 1118, ДЦ «Щербаковский»

Телефон: +7 495 668-12-70 (многоканальный)

Факс: +7 495 668-12-70 (доб.304)

E-mail: [info@moschip.ru](mailto:info@moschip.ru)

Skype отдела продаж:

moschip.ru

moschip.ru\_4

moschip.ru\_6

moschip.ru\_9