KMQ Series

- Endurance with ripple current : 2,000 hours at 105℃
- Non solvent resistant type
- RoHS2 Compliant

KMR
↑
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KMQ

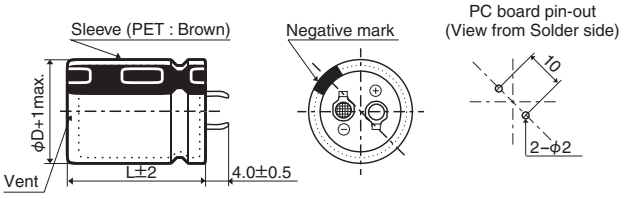


◆SPECIFICATIONS

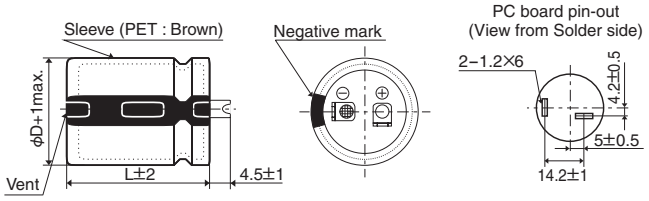
Items	Characteristics							
Category Temperature Range	-40 to +105℃ (35&50V$_{dc}$), -25 to +105℃ (160 to 450V$_{dc}$)							
Rated Voltage Range	35&50V$_{dc}$, 160 to 450V$_{dc}$							
Capacitance Tolerance	±20% (M)							(at 20℃, 120Hz)
Leakage Current	I≦3√CV Where, I : Max. leakage current (μA), C : Nominal capacitance (μF), V : Rated voltage (V)							(at 20℃ after 5 minutes)
Dissipation Factor (tan δ)	Rated voltage (V$_{dc}$)	35V		50V		160 to 250V	315 to 400V	420 & 450V
	Nominal capacitance (μF)	10,000>C	C≧10,000	10,000>C	C≧10,000	—	—	—
	tan δ (Max.)	0.30	0.35	0.25	0.30	0.15	0.15	0.20 (at 20℃, 120Hz)
Low Temperature Characteristics (Max. Impedance Ratio)	Rated voltage (V$_{dc}$)	35&50V		160 to 250V		315 to 450V		
	Z(-25℃)/Z(+20℃)	4		4		8		
	Z(-40℃)/Z(+20℃)	10		—		—		(at 120Hz)
Endurance	The following specifications shall be satisfied when the capacitors are restored to 20℃ after subjected to DC voltage with the rated ripple current is applied (the peak voltage shall not exceed the rated voltage) for 2,000 hours at 105℃.							
	Capacitance change	≦±20% of the initial value						
	D.F. (tan δ)	≦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℃ after exposing them for 1,000 hours at 105℃ 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. (tan δ)	≦150% of the initial specified value						
	Leakage current	≦The initial specified value						

◆DIMENSIONS [mm]

●Terminal Code : VS (φ22 to φ35) : Standard

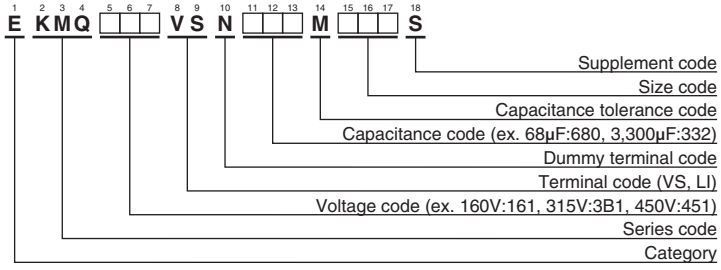


●Terminal Code : LI (φ35)



The standard design has no plastic disc.

◆PART NUMBERING SYSTEM



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

◆RATED RIPPLE CURRENT MULTIPLIERS

●Frequency Multipliers

Frequency(Hz)	50	120	300	1k	10k	50k
35, 50V$_{dc}$	0.95	1.00	1.03	1.05	1.08	1.08
160 to 250V$_{dc}$	0.81	1.00	1.17	1.32	1.45	1.50
315 to 450V$_{dc}$	0.77	1.00	1.16	1.30	1.41	1.43

The deterioration of aluminum electrolytic capacitors accelerates their life due to the internal heating produced by ripple current. For details, refer to Section "5-3 Ripple Current Effect on Lifetime" in the catalog, Technical Note.

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KMQ Series

◆STANDARD RATINGS

WV (V_{dc})	Cap (μF)	Case size φD×L(mm)	tan δ	Rated ripple current (Arms/ 105℃, 120Hz)	Part No.
35	4,700	22 × 25	0.30	1.87	EKMQ350VSN472MP25S
	5,600	22 × 25	0.30	2.04	EKMQ350VSN562MP25S
	5,600	25.4 × 25	0.30	2.00	EKMQ350VSN562MQ25S
	6,800	22 × 30	0.30	2.36	EKMQ350VSN682MP30S
	6,800	25.4 × 25	0.30	2.21	EKMQ350VSN682MQ25S
	8,200	22 × 35	0.30	2.65	EKMQ350VSN822MP35S
	8,200	25.4 × 30	0.30	2.49	EKMQ350VSN822MQ30S
	8,200	30 × 25	0.30	2.62	EKMQ350VSN822MR25S
	10,000	22 × 40	0.35	3.00	EKMQ350VSN103MP40S
	10,000	25.4 × 35	0.35	2.88	EKMQ350VSN103MQ35S
	10,000	30 × 25	0.35	2.90	EKMQ350VSN103MR25S
	12,000	22 × 50	0.35	3.47	EKMQ350VSN123MP50S
	12,000	25.4 × 35	0.35	3.15	EKMQ350VSN123MQ35S
	12,000	30 × 30	0.35	3.25	EKMQ350VSN123MR30S
	12,000	35 × 25	0.35	3.20	EKMQ350VSN123MA25S
	15,000	25.4 × 40	0.35	3.61	EKMQ350VSN153MQ40S
	15,000	30 × 35	0.35	3.78	EKMQ350VSN153MR35S
	15,000	35 × 25	0.35	3.60	EKMQ350VSN153MA25S
	18,000	25.4 × 50	0.35	4.14	EKMQ350VSN183MQ50S
	18,000	30 × 40	0.35	4.30	EKMQ350VSN183MR40S
	18,000	35 × 30	0.35	4.10	EKMQ350VSN183MA30S
	22,000	30 × 50	0.35	5.00	EKMQ350VSN223MR50S
	22,000	35 × 35	0.35	4.64	EKMQ350VSN223MA35S
	27,000	35 × 40	0.35	5.37	EKMQ350VSN273MA40S
	33,000	35 × 50	0.35	6.00	EKMQ350VSN333MA50S
50	2,700	22 × 25	0.25	1.65	EKMQ500VSN272MP25S
	3,300	22 × 30	0.25	1.92	EKMQ500VSN332MP30S
	3,300	25.4 × 25	0.25	1.76	EKMQ500VSN332MQ25S
	3,900	22 × 30	0.25	2.08	EKMQ500VSN392MP30S
	3,900	25.4 × 25	0.25	2.04	EKMQ500VSN392MQ25S
	4,700	22 × 35	0.25	2.43	EKMQ500VSN472MP35S
	4,700	25.4 × 30	0.25	2.50	EKMQ500VSN472MQ30S
	4,700	30 × 25	0.25	2.29	EKMQ500VSN472MR25S
	5,600	22 × 40	0.25	2.63	EKMQ500VSN562MP40S
	5,600	25.4 × 35	0.25	2.61	EKMQ500VSN562MQ35S
	5,600	30 × 25	0.25	2.80	EKMQ500VSN562MR25S
	6,800	22 × 50	0.25	3.05	EKMQ500VSN682MP50S
	6,800	25.4 × 40	0.25	2.94	EKMQ500VSN682MQ40S
	6,800	30 × 30	0.25	3.30	EKMQ500VSN682MR30S
	6,800	35 × 25	0.25	2.77	EKMQ500VSN682MA25S
	8,200	25.4 × 45	0.25	3.60	EKMQ500VSN822MQ45S
	8,200	30 × 35	0.25	3.60	EKMQ500VSN822MR35S
	8,200	35 × 30	0.25	3.60	EKMQ500VSN822MA30S
	10,000	25.4 × 50	0.30	4.00	EKMQ500VSN103MQ50S
	10,000	30 × 40	0.30	4.00	EKMQ500VSN103MR40S
	10,000	35 × 30	0.30	4.00	EKMQ500VSN103MA30S
	12,000	30 × 50	0.30	4.29	EKMQ500VSN123MR50S
	12,000	35 × 35	0.30	4.37	EKMQ500VSN123MA35S
	15,000	35 × 40	0.30	4.50	EKMQ500VSN153MA40S
	18,000	35 × 50	0.30	5.30	EKMQ500VSN183MA50S
160	470	22 × 25	0.15	1.40	EKMQ161VSN471MP25S
	560	22 × 30	0.15	1.50	EKMQ161VSN561MP30S
	680	22 × 30	0.15	1.70	EKMQ161VSN681MP30S
	680	25.4 × 25	0.15	1.70	EKMQ161VSN681MQ25S
	820	22 × 35	0.15	2.00	EKMQ161VSN821MP35S
	820	25.4 × 30	0.15	2.00	EKMQ161VSN821MQ30S
	820	30 × 25	0.15	2.00	EKMQ161VSN821MR25S
	1,000	22 × 40	0.15	2.20	EKMQ161VSN102MP40S
	1,000	25.4 × 35	0.15	2.20	EKMQ161VSN102MQ35S
	1,000	30 × 25	0.15	2.20	EKMQ161VSN102MR25S
	1,200	25.4 × 40	0.15	2.30	EKMQ161VSN122MQ40S
	1,200	30 × 30	0.15	2.30	EKMQ161VSN122MR30S
	1,200	35 × 25	0.15	2.30	EKMQ161VSN122MA25S
	1,500	25.4 × 45	0.15	2.50	EKMQ161VSN152MQ45S
	1,500	30 × 35	0.15	2.50	EKMQ161VSN152MR35S
	1,500	35 × 30	0.15	2.50	EKMQ161VSN152MA30S
	1,800	25.4 × 50	0.15	2.70	EKMQ161VSN182MQ50S
160	1,800	30 × 40	0.15	2.70	EKMQ161VSN182MR40S
	1,800	35 × 30	0.15	2.70	EKMQ161VSN182MA30S
	2,200	30 × 45	0.15	2.90	EKMQ161VSN222MR45S
	2,200	35 × 35	0.15	2.90	EKMQ161VSN222MA35S
	2,700	30 × 50	0.15	3.10	EKMQ161VSN272MR50S
	2,700	35 × 40	0.15	3.10	EKMQ161VSN272MA40S
	3,300	35 × 50	0.15	3.30	EKMQ161VSN332MA50S
180	390	22 × 25	0.15	1.30	EKMQ181VSN391MP25S
	470	22 × 30	0.15	1.40	EKMQ181VSN471MP30S
	560	22 × 30	0.15	1.50	EKMQ181VSN561MP30S
	560	25.4 × 25	0.15	1.50	EKMQ181VSN561MQ25S
	680	22 × 35	0.15	1.70	EKMQ181VSN681MP35S
	680	25.4 × 30	0.15	1.70	EKMQ181VSN681MQ30S
	820	22 × 40	0.15	2.00	EKMQ181VSN821MP40S
	820	25.4 × 30	0.15	2.00	EKMQ181VSN821MQ30S
	820	30 × 25	0.15	2.00	EKMQ181VSN821MR25S
	1,000	22 × 45	0.15	2.20	EKMQ181VSN102MP45S
	1,000	25.4 × 40	0.15	2.20	EKMQ181VSN102MQ40S
	1,000	30 × 30	0.15	2.20	EKMQ181VSN102MR30S
	1,000	35 × 25	0.15	2.20	EKMQ181VSN102MA25S
	1,200	25.4 × 45	0.15	2.30	EKMQ181VSN122MQ45S
	1,200	30 × 35	0.15	2.30	EKMQ181VSN122MR35S
	1,200	35 × 30	0.15	2.30	EKMQ181VSN122MA30S
	1,500	25.4 × 50	0.15	2.50	EKMQ181VSN152MQ50S
	1,500	30 × 40	0.15	2.50	EKMQ181VSN152MR40S
	1,500	35 × 30	0.15	2.50	EKMQ181VSN152MA30S
	1,800	30 × 45	0.15	2.70	EKMQ181VSN182MR45S
	1,800	35 × 35	0.15	2.70	EKMQ181VSN182MA35S
	2,200	30 × 50	0.15	2.90	EKMQ181VSN222MR50S
	2,200	35 × 40	0.15	2.90	EKMQ181VSN222MA40S
	2,700	35 × 50	0.15	3.10	EKMQ181VSN272MA50S
200	390	22 × 25	0.15	1.31	EKMQ201VSN391MP25S
	470	22 × 30	0.15	1.45	EKMQ201VSN471MP30S
	560	22 × 30	0.15	1.67	EKMQ201VSN561MP30S
	560	25.4 × 25	0.15	1.67	EKMQ201VSN561MQ25S
	680	22 × 40	0.15	1.75	EKMQ201VSN681MP40S
	680	25.4 × 30	0.15	1.75	EKMQ201VSN681MQ30S
	820	22 × 45	0.15	2.04	EKMQ201VSN821MP45S
	820	25.4 × 35	0.15	2.04	EKMQ201VSN821MQ35S
	820	30 × 25	0.15	2.04	EKMQ201VSN821MR25S
	1,000	22 × 50	0.15	2.30	EKMQ201VSN102MP50S
	1,000	25.4 × 45	0.15	2.30	EKMQ201VSN102MQ45S
	1,000	30 × 30	0.15	2.30	EKMQ201VSN102MR30S
	1,000	35 × 25	0.15	2.30	EKMQ201VSN102MA25S
	1,200	25.4 × 50	0.15	2.65	EKMQ201VSN122MQ50S
	1,200	30 × 35	0.15	2.65	EKMQ201VSN122MR35S
	1,200	35 × 30	0.15	2.65	EKMQ201VSN122MA30S
	1,500	30 × 40	0.15	2.80	EKMQ201VSN152MR40S
	1,500	35 × 30	0.15	2.80	EKMQ201VSN152MA30S
	1,800	30 × 45	0.15	3.08	EKMQ201VSN182MR45S
	1,800	35 × 40	0.15	3.08	EKMQ201VSN182MA40S
	2,200	35 × 45	0.15	3.48	EKMQ201VSN222MA45S
250	220	22 × 25	0.15	1.00	EKMQ251VSN221MP25S
	270	22 × 25	0.15	1.10	EKMQ251VSN271MP25S
	330	22 × 30	0.15	1.20	EKMQ251VSN331MP30S
	330	25.4 × 25	0.15	1.20	EKMQ251VSN331MQ25S
	390	22 × 35	0.15	1.30	EKMQ251VSN391MP35S
	390	25.4 × 25	0.15	1.30	EKMQ251VSN391MQ25S
	470	22 × 40	0.15	1.40	EKMQ251VSN471MP40S
	470	25.4 × 30	0.15	1.40	EKMQ251VSN471MQ30S
	470	30 × 25	0.15	1.40	EKMQ251VSN471MR25S
	560	22 × 45	0.15	1.50	EKMQ251VSN561MP45S
	560	25.4 × 35	0.15	1.50	EKMQ251VSN561MQ35S
	560	30 × 25	0.15	1.50	EKMQ251VSN561MR25S
	680	22 × 50	0.15	1.70	EKMQ251VSN681MP50S
	680	25.4 × 40	0.15	1.70	EKMQ251VSN681MQ40S
	680	30 × 30	0.15	1.70	EKMQ251VSN681MR30S

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WV (V_{dc})	Cap (μF)	Case size φD×L(mm)	tan δ	Rated ripple current (Arms/ 105℃, 120Hz)	Part No.
250	680	35 × 25	0.15	1.70	EKMQ251VSN681MA25S
	820	25.4 × 45	0.15	2.00	EKMQ251VSN821MQ45S
	820	30 × 35	0.15	2.00	EKMQ251VSN821MR35S
	820	35 × 30	0.15	2.00	EKMQ251VSN821MA30S
	1,000	30 × 40	0.15	2.20	EKMQ251VSN102MR40S
	1,000	35 × 30	0.15	2.20	EKMQ251VSN102MA30S
	1,200	30 × 45	0.15	2.30	EKMQ251VSN122MR45S
	1,200	35 × 35	0.15	2.30	EKMQ251VSN122MA35S
	1,500	35 × 45	0.15	2.50	EKMQ251VSN152MA45S
	1,800	35 × 50	0.15	2.70	EKMQ251VSN182MA50S
315	150	22 × 25	0.15	0.82	EKMQ3B1VSN151MP25S
	180	22 × 30	0.15	0.90	EKMQ3B1VSN181MP30S
	220	22 × 30	0.15	1.00	EKMQ3B1VSN221MP30S
	220	25.4 × 25	0.15	1.00	EKMQ3B1VSN221MQ25S
	270	22 × 35	0.15	1.10	EKMQ3B1VSN271MP35S
	270	25.4 × 30	0.15	1.10	EKMQ3B1VSN271MQ30S
	330	22 × 45	0.15	1.20	EKMQ3B1VSN331MP45S
	330	25.4 × 35	0.15	1.20	EKMQ3B1VSN331MQ35S
	330	30 × 25	0.15	1.20	EKMQ3B1VSN331MR25S
	390	22 × 45	0.15	1.30	EKMQ3B1VSN391MP45S
	390	25.4 × 40	0.15	1.30	EKMQ3B1VSN391MQ40S
	390	30 × 30	0.15	1.30	EKMQ3B1VSN391MR30S
	390	35 × 25	0.15	1.30	EKMQ3B1VSN391MA25S
	470	25.4 × 45	0.15	1.40	EKMQ3B1VSN471MQ45S
	470	30 × 35	0.15	1.40	EKMQ3B1VSN471MR35S
	470	35 × 25	0.15	1.40	EKMQ3B1VSN471MA25S
	560	25.4 × 50	0.15	1.50	EKMQ3B1VSN561MQ50S
	560	30 × 40	0.15	1.50	EKMQ3B1VSN561MR40S
	560	35 × 30	0.15	1.50	EKMQ3B1VSN561MA30S
	680	30 × 45	0.15	1.70	EKMQ3B1VSN681MR45S
	680	35 × 35	0.15	1.70	EKMQ3B1VSN681MA35S
	820	30 × 50	0.15	2.00	EKMQ3B1VSN821MR50S
	820	35 × 40	0.15	2.00	EKMQ3B1VSN821MA40S
	1,000	35 × 45	0.15	2.30	EKMQ3B1VSN102MA45S
350	120	22 × 25	0.15	0.75	EKMQ351VSN121MP25S
	150	22 × 30	0.15	0.82	EKMQ351VSN151MP30S
	180	22 × 30	0.15	0.90	EKMQ351VSN181MP30S
	180	25.4 × 25	0.15	0.90	EKMQ351VSN181MQ25S
	220	22 × 35	0.15	1.00	EKMQ351VSN221MP35S
	220	25.4 × 30	0.15	1.00	EKMQ351VSN221MQ30S
	270	22 × 40	0.15	1.10	EKMQ351VSN271MP40S
	270	25.4 × 30	0.15	1.10	EKMQ351VSN271MQ30S
	270	30 × 25	0.15	1.10	EKMQ351VSN271MR25S
	330	22 × 45	0.15	1.20	EKMQ351VSN331MP45S
	330	25.4 × 40	0.15	1.20	EKMQ351VSN331MQ40S
	330	30 × 30	0.15	1.20	EKMQ351VSN331MR30S
	390	25.4 × 45	0.15	1.30	EKMQ351VSN391MQ45S
	390	30 × 35	0.15	1.30	EKMQ351VSN391MR35S
	470	25.4 × 50	0.15	1.40	EKMQ351VSN471MQ50S
	470	30 × 35	0.15	1.40	EKMQ351VSN471MR35S
	470	35 × 30	0.15	1.40	EKMQ351VSN471MA30S
	560	30 × 45	0.15	1.50	EKMQ351VSN561MR45S
	560	35 × 35	0.15	1.50	EKMQ351VSN561MA35S
	680	30 × 50	0.15	1.70	EKMQ351VSN681MR50S
	680	35 × 40	0.15	1.70	EKMQ351VSN681MA40S
	820	35 × 45	0.15	1.90	EKMQ351VSN821MA45S
400	100	22 × 25	0.15	0.70	EKMQ401VSN101MP25S
	120	22 × 30	0.15	0.75	EKMQ401VSN121MP30S
	150	22 × 30	0.15	0.88	EKMQ401VSN151MP30S
	150	25.4 × 25	0.15	0.88	EKMQ401VSN151MQ25S
	180	22 × 35	0.15	0.95	EKMQ401VSN181MP35S
	180	25.4 × 30	0.15	0.95	EKMQ401VSN181MQ30S
	220	22 × 45	0.15	1.10	EKMQ401VSN221MP45S
	220	25.4 × 35	0.15	1.10	EKMQ401VSN221MQ35S
	220	30 × 25	0.15	1.10	EKMQ401VSN221MR25S
	270	22 × 50	0.15	1.22	EKMQ401VSN271MP50S

WV (V_{dc})	Cap (μF)	Case size φD×L(mm)	tan δ	Rated ripple current (Arms/ 105℃, 120Hz)	Part No.
400	270	25.4 × 40	0.15	1.22	EKMQ401VSN271MQ40S
	270	30 × 30	0.15	1.22	EKMQ401VSN271MR30S
	270	35 × 25	0.15	1.22	EKMQ401VSN271MA25S
	330	25.4 × 45	0.15	1.44	EKMQ401VSN331MQ45S
	330	30 × 35	0.15	1.44	EKMQ401VSN331MR35S
	330	35 × 30	0.15	1.44	EKMQ401VSN331MA30S
	390	25.4 × 50	0.15	1.55	EKMQ401VSN391MQ50S
	390	30 × 40	0.15	1.55	EKMQ401VSN391MR40S
	390	35 × 30	0.15	1.55	EKMQ401VSN391MA30S
	470	30 × 45	0.15	1.68	EKMQ401VSN471MR45S
	470	35 × 35	0.15	1.68	EKMQ401VSN471MA35S
	560	30 × 50	0.15	1.90	EKMQ401VSN561MR50S
	560	35 × 40	0.15	1.90	EKMQ401VSN561MA40S
	680	35 × 45	0.15	2.12	EKMQ401VSN681MA45S
420	82	22 × 25	0.20	0.64	EKMQ421VSN820MP25S
	100	22 × 25	0.20	0.66	EKMQ421VSN101MP25S
	100	25.4 × 25	0.20	0.66	EKMQ421VSN101MQ25S
	120	22 × 30	0.20	0.81	EKMQ421VSN121MP30S
	120	25.4 × 25	0.20	0.81	EKMQ421VSN121MQ25S
	150	22 × 35	0.20	0.84	EKMQ421VSN151MP35S
	150	25.4 × 30	0.20	0.84	EKMQ421VSN151MQ30S
	150	30 × 25	0.20	0.84	EKMQ421VSN151MR25S
	180	22 × 40	0.20	0.91	EKMQ421VSN181MP40S
	180	25.4 × 30	0.20	0.91	EKMQ421VSN181MQ30S
	180	30 × 25	0.20	0.91	EKMQ421VSN181MR25S
	220	22 × 45	0.20	1.05	EKMQ421VSN221MP45S
	220	25.4 × 35	0.20	1.05	EKMQ421VSN221MQ35S
	220	30 × 30	0.20	1.05	EKMQ421VSN221MR30S
	220	35 × 25	0.20	1.05	EKMQ421VSN221MA25S
	270	25.4 × 40	0.20	1.25	EKMQ421VSN271MQ40S
	270	30 × 30	0.20	1.25	EKMQ421VSN271MR30S
	270	35 × 25	0.20	1.25	EKMQ421VSN271MA25S
	330	25.4 × 50	0.20	1.42	EKMQ421VSN331MQ50S
	330	30 × 35	0.20	1.42	EKMQ421VSN331MR35S
	330	35 × 30	0.20	1.42	EKMQ421VSN331MA30S
	390	30 × 40	0.20	1.61	EKMQ421VSN391MR40S
	390	35 × 35	0.20	1.61	EKMQ421VSN391MA35S
	470	30 × 45	0.20	1.86	EKMQ421VSN471MR45S
	470	35 × 40	0.20	1.86	EKMQ421VSN471MA40S
	560	35 × 45	0.20	2.10	EKMQ421VSN561MA45S
	680	35 × 50	0.20	2.20	EKMQ421VSN681MA50S
450	68	22 × 25	0.20	0.50	EKMQ451VSN680MP25S
	82	22 × 30	0.20	0.56	EKMQ451VSN820MP30S
	100	22 × 30	0.20	0.64	EKMQ451VSN101MP30S
	100	25.4 × 25	0.20	0.64	EKMQ451VSN101MQ25S
	120	22 × 35	0.20	0.72	EKMQ451VSN121MP35S
	120	25.4 × 30	0.20	0.72	EKMQ451VSN121MQ30S
	150	22 × 40	0.20	0.79	EKMQ451VSN151MP40S
	150	25.4 × 30	0.20	0.79	EKMQ451VSN151MQ30S
	150	30 × 25	0.20	0.79	EKMQ451VSN151MR25S
	180	22 × 45	0.20	0.87	EKMQ451VSN181MP45S
	180	25.4 × 40	0.20	0.87	EKMQ451VSN181MQ40S
	180	30 × 30	0.20	0.87	EKMQ451VSN181MR30S
	220	25.4 × 45	0.20	1.00	EKMQ451VSN221MQ45S
	220	30 × 30	0.20	1.00	EKMQ451VSN221MR30S
	220	35 × 25	0.20	1.00	EKMQ451VSN221MA25S
	270	25.4 × 50	0.20	1.19	EKMQ451VSN271MQ50S
	270	30 × 40	0.20	1.19	EKMQ451VSN271MR40S
	270	35 × 30	0.20	1.19	EKMQ451VSN271MA30S
	330	30 × 45	0.20	1.38	EKMQ451VSN331MR45S
	330	35 × 35	0.20	1.38	EKMQ451VSN331MA35S
	390	30 × 50	0.20	1.55	EKMQ451VSN391MR50S
	390	35 × 40	0.20	1.55	EKMQ451VSN391MA40S
	470	35 × 45	0.20	1.74	EKMQ451VSN471MA45S
	560	35 × 50	0.20	1.90	EKMQ451VSN561MA50S

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Part Numbering System
Part Numbering System (Appendix)
Standardization
Available Items by Manufacturing Locations
Environmental Measures
Technical Note
Precautions and Guidelines
Recommended Soldering Conditions
Taping, Lead-preforming and Packaging
Available Terminals for Snap-in and Screw Mount Type

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