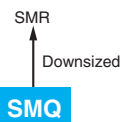


SMQ Series

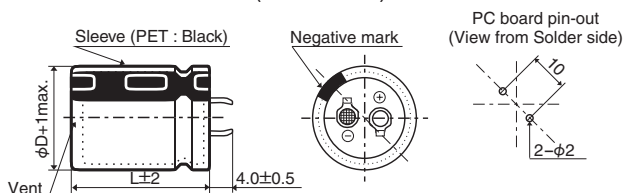
- Endurance with ripple current : 2,000 hours at 85°C
- Non solvent resistant type
- RoHS2 Compliant



SPECIFICATIONS

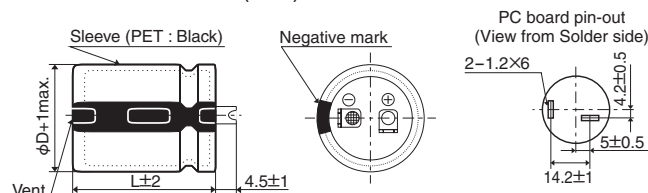
DIMENSIONS [mm]

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

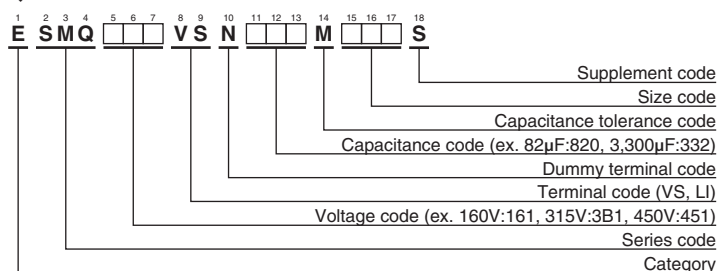


The standard design has no plastic disc.

●Terminal Code : LI (φ35)



PART NUMBERING SYSTEM



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

◆STANDARD RATINGS

WV (V _{dc})	Cap (μF)	Case size φD×L(mm)	tan δ	Rated ripple current (Arms/ 85°C, 120Hz)	Part No.	WV (V _{dc})	Cap (μF)	Case size φD×L(mm)	tan δ	Rated ripple current (Arms/ 85°C, 120Hz)	Part No.
160	560	22 × 25	0.15	2.25	ESMQ161VSN561MP25S	250	270	22 × 25	0.15	1.31	ESMQ251VSN271MP25S
	680	22 × 30	0.15	2.50	ESMQ161VSN681MP30S		330	22 × 30	0.15	1.75	ESMQ251VSN331MP30S
	820	22 × 35	0.15	2.75	ESMQ161VSN821MP35S		390	22 × 30	0.15	1.91	ESMQ251VSN391MP30S
	1,000	22 × 40	0.15	3.00	ESMQ161VSN102MP40S		390	25.4 × 25	0.15	1.91	ESMQ251VSN391MQ25S
	1,000	25.4 × 30	0.15	3.00	ESMQ161VSN102MQ30S		470	22 × 35	0.15	2.11	ESMQ251VSN471MP35S
	1,200	22 × 45	0.15	3.25	ESMQ161VSN122MP45S		470	25.4 × 30	0.15	2.11	ESMQ251VSN471MQ30S
	1,200	25.4 × 35	0.15	3.25	ESMQ161VSN122MQ35S		560	22 × 40	0.15	2.25	ESMQ251VSN561MP40S
	1,200	30 × 25	0.15	3.25	ESMQ161VSN122MR25S		560	25.4 × 30	0.15	2.25	ESMQ251VSN561MQ30S
	1,500	22 × 50	0.15	3.73	ESMQ161VSN152MP50S		560	30 × 25	0.15	2.25	ESMQ251VSN561MR25S
	1,500	25.4 × 40	0.15	3.73	ESMQ161VSN152MQ40S		680	22 × 45	0.15	2.50	ESMQ251VSN681MP45S
	1,500	30 × 30	0.15	3.73	ESMQ161VSN152MR30S		680	25.4 × 35	0.15	2.50	ESMQ251VSN681MQ35S
	1,500	35 × 25	0.15	3.73	ESMQ161VSN152MA25S		680	30 × 30	0.15	2.50	ESMQ251VSN681MR30S
	1,800	25.4 × 45	0.15	4.20	ESMQ161VSN182MQ45S		820	22 × 50	0.15	2.77	ESMQ251VSN821MP50S
	1,800	30 × 35	0.15	4.20	ESMQ161VSN182MR35S		820	25.4 × 40	0.15	2.77	ESMQ251VSN821MQ40S
	1,800	35 × 30	0.15	4.20	ESMQ161VSN182MA30S		820	30 × 30	0.15	2.77	ESMQ251VSN821MA30S
	2,200	30 × 40	0.15	4.78	ESMQ161VSN222MR40S		820	35 × 25	0.15	2.77	ESMQ251VSN821MA25S
	2,200	35 × 35	0.15	4.78	ESMQ161VSN222MA35S		1,000	25.4 × 45	0.15	3.32	ESMQ251VSN102MQ45S
	2,700	35 × 40	0.15	5.45	ESMQ161VSN272MA40S		1,000	30 × 35	0.15	3.32	ESMQ251VSN102MR35S
	3,300	35 × 45	0.15	5.75	ESMQ161VSN332MA45S		1,000	35 × 30	0.15	3.32	ESMQ251VSN102MA30S
	3,900	35 × 50	0.15	6.00	ESMQ161VSN392MA50S		1,200	30 × 40	0.15	3.53	ESMQ251VSN122MR40S
180	470	22 × 25	0.15	2.08	ESMQ181VSN471MP25S	315	1,200	35 × 35	0.15	3.53	ESMQ251VSN122MA35S
	560	22 × 30	0.15	2.25	ESMQ181VSN561MP30S		1,500	30 × 50	0.15	4.04	ESMQ251VSN152MR50S
	680	22 × 30	0.15	2.50	ESMQ181VSN681MP30S		1,500	35 × 40	0.15	4.04	ESMQ251VSN152MA40S
	680	25.4 × 25	0.15	2.50	ESMQ181VSN681MQ25S		1,800	35 × 45	0.15	4.55	ESMQ251VSN182MA45S
	820	22 × 35	0.15	2.75	ESMQ181VSN821MP35S		180	22 × 25	0.15	1.21	ESMQ3B1VSN181MP25S
	820	25.4 × 30	0.15	2.75	ESMQ181VSN821MQ30S		220	22 × 30	0.15	1.41	ESMQ3B1VSN221MP30S
	1,000	22 × 45	0.15	3.00	ESMQ181VSN102MP45S		270	22 × 30	0.15	1.60	ESMQ3B1VSN271MP30S
	1,000	25.4 × 35	0.15	3.00	ESMQ181VSN102MQ35S		330	22 × 40	0.15	1.82	ESMQ3B1VSN331MP40S
	1,000	30 × 25	0.15	3.00	ESMQ181VSN102MR25S		330	25.4 × 30	0.15	1.82	ESMQ3B1VSN331MQ30S
	1,200	22 × 50	0.15	3.31	ESMQ181VSN122MP50S		330	30 × 25	0.15	1.82	ESMQ3B1VSN331MR25S
	1,200	25.4 × 40	0.15	3.31	ESMQ181VSN122MQ40S		390	22 × 45	0.15	2.01	ESMQ3B1VSN391MP45S
	1,200	30 × 30	0.15	3.31	ESMQ181VSN122MR30S		390	25.4 × 35	0.15	2.01	ESMQ3B1VSN391MQ35S
	1,200	35 × 25	0.15								

◆STANDARD RATINGS

WV (V _{dc})	Cap (μF)	Case size φD×L(mm)	tan δ	Rated ripple current (Arms/ 85°C, 120Hz)	Part No.	WV (V _{dc})	Cap (μF)	Case size φD×L(mm)	tan δ	Rated ripple current (Arms/ 85°C, 120Hz)	Part No.
350	1,000	35 × 50	0.15	3.54	ESMQ351VSN102MA50S	420	270	30 × 30	0.20	1.94	ESMQ421VSN271MR30S
	120	22 × 25	0.15	1.02	ESMQ401VSN121MP25S		330	25.4 × 45	0.20	2.17	ESMQ421VSN331MQ45S
	150	22 × 30	0.15	1.16	ESMQ401VSN151MP30S		330	30 × 35	0.20	2.17	ESMQ421VSN331MR35S
	180	22 × 35	0.15	1.44	ESMQ401VSN181MP35S		330	35 × 30	0.20	2.17	ESMQ421VSN331MA30S
	220	22 × 40	0.15	1.49	ESMQ401VSN221MP40S		390	25.4 × 50	0.20	2.27	ESMQ421VSN391MQ50S
	220	25.4 × 30	0.15	1.49	ESMQ401VSN221MQ30S		390	30 × 35	0.20	2.27	ESMQ421VSN391MR35S
	270	22 × 45	0.15	1.67	ESMQ401VSN271MP45S		390	35 × 30	0.20	2.27	ESMQ421VSN391MA30S
	270	25.4 × 35	0.15	1.67	ESMQ401VSN271MQ35S		470	30 × 40	0.20	2.61	ESMQ421VSN471MR40S
	270	30 × 25	0.15	1.67	ESMQ401VSN271MR25S		470	35 × 35	0.20	2.61	ESMQ421VSN471MA35S
	330	22 × 50	0.15	1.90	ESMQ401VSN331MP50S		560	30 × 50	0.20	2.82	ESMQ421VSN561MR50S
	330	25.4 × 40	0.15	1.90	ESMQ401VSN331MQ40S		560	35 × 40	0.20	2.82	ESMQ421VSN561MA40S
	330	30 × 30	0.15	1.90	ESMQ401VSN331MR30S		680	35 × 45	0.20	3.11	ESMQ421VSN681MA45S
	330	35 × 25	0.15	1.90	ESMQ401VSN331MA25S	450	82	22 × 25	0.20	0.83	ESMQ451VSN820MP25S
	390	25.4 × 45	0.15	2.13	ESMQ401VSN391MQ45S		100	22 × 25	0.20	0.93	ESMQ451VSN101MP25S
	390	30 × 35	0.15	2.13	ESMQ401VSN391MP35S		120	22 × 30	0.20	1.04	ESMQ451VSN121MP30S
	390	35 × 30	0.15	2.13	ESMQ401VSN391MA30S		150	22 × 35	0.20	1.19	ESMQ451VSN151MP35S
400	470	25.4 × 50	0.15	2.39	ESMQ401VSN471MQ50S		150	25.4 × 25	0.20	1.19	ESMQ451VSN151MQ25S
	470	30 × 40	0.15	2.39	ESMQ401VSN471MR40S		180	22 × 40	0.20	1.35	ESMQ451VSN181MP40S
	470	35 × 30	0.15	2.39	ESMQ401VSN471MA30S		180	25.4 × 30	0.20	1.35	ESMQ451VSN181MQ30S
	560	30 × 45	0.15	2.69	ESMQ401VSN561MR45S		220	22 × 45	0.20	1.55	ESMQ451VSN221MP45S
	560	35 × 35	0.15	2.69	ESMQ401VSN561MA35S		220	25.4 × 40	0.20	1.55	ESMQ451VSN221MQ40S
	680	30 × 50	0.15	2.96	ESMQ401VSN681MR50S		220	30 × 30	0.20	1.55	ESMQ451VSN221MR30S
	680	35 × 40	0.15	2.96	ESMQ401VSN681MA40S		220	35 × 25	0.20	1.55	ESMQ451VSN221MA25S
	820	35 × 45	0.15	3.25	ESMQ401VSN821MA45S		270	22 × 50	0.20	1.78	ESMQ451VSN271MP50S
	100	22 × 25	0.20	0.97	ESMQ421VSN101MP25S		270	25.4 × 40	0.20	1.78	ESMQ451VSN271MQ40S
	120	22 × 25	0.20	1.08	ESMQ421VSN121MP25S		270	30 × 30	0.20	1.78	ESMQ451VSN271MR30S
	150	22 × 30	0.20	1.30	ESMQ421VSN151MP30S		330	25.4 × 50	0.20	2.01	ESMQ451VSN331MQ50S
	150	25.4 × 25	0.20	1.30	ESMQ421VSN151MQ25S		330	30 × 40	0.20	2.01	ESMQ451VSN331MR40S
	180	22 × 35	0.20	1.48	ESMQ421VSN181MP35S		330	35 × 30	0.20	2.01	ESMQ451VSN331MA30S
	180	25.4 × 30	0.20	1.48	ESMQ421VSN181MQ30S		390	30 × 40	0.20	2.24	ESMQ451VSN391MR40S
	220	22 × 40	0.20	1.65	ESMQ421VSN221MP40S		390	35 × 35	0.20	2.24	ESMQ451VSN391MA35S
420	220	25.4 × 35	0.20	1.65	ESMQ421VSN221MQ35S		470	30 × 45	0.20	2.53	ESMQ451VSN471MR45S
	220	30 × 25	0.20	1.65	ESMQ421VSN221MR25S		470	35 × 40	0.20	2.53	ESMQ451VSN471MA40S
	270	22 × 5									