

Metal Oxide Varistors (MOV)

Features

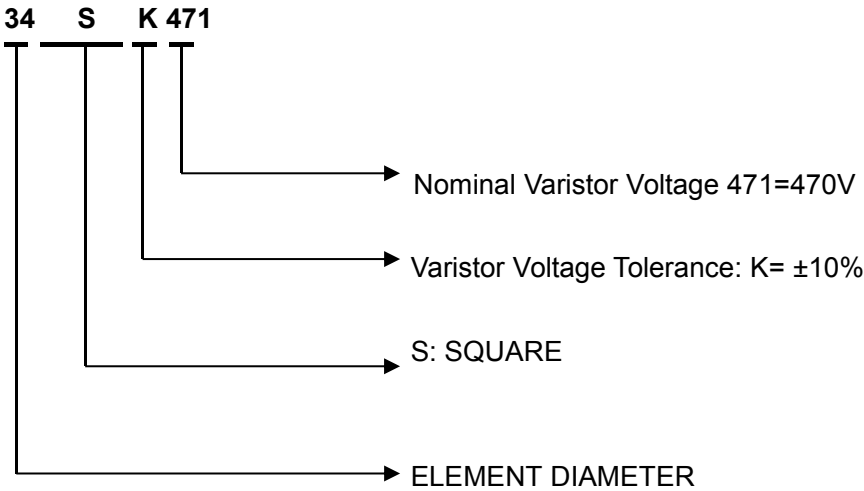
- Wide operating voltage (V1mA) range from 200V to 1800V
- Fast responding to transient over-voltage
- Large absorbing transient energy capability
- Low clamping ratio and no follow-on current
- Meets MSL level 1, per J-STD-020
- Operating Temperature: -40℃ ~ +85℃
- Storage Temperature: -40℃ ~ +125℃
- UL 1449 4th for SPD Type 5 application
- Safety certification:



Applications

- Transistor, diode, IC, thyristor or triac semiconductor protection
- Surge protection in consumer electronics
- Surge protection in industrial electronics
- Surge protection in electronic home appliances, gas and petroleum appliances
- Relay and electromagnetic valve surge absorption

Description of Part Number



Delivery Time

Standard MOV	Delivery Time	Standard MOV	Delivery Time
34SK201~34SK182	18days	34SK201~34SK182	18days

Electrical Characteristics



Part Number	Maximum Allowable Voltage		Varistor Voltage	Maximum Clamping Voltage		Max Surge Current 8/20μs	Surge Operating Duty Test IEC 61643-11(8/20μs)		Maximum Energy 10/1000μs	Safety Certification
	V _{AC}	V _{DC}	V _{1mA} (V)	I _P (A)	V _C (V)	I _{max}	I _{max}	I _n	(J)	UL /CUL
34SK201	130V	170V	200(180~220)	300	340	40KA	40KA	20KA	330	√
34SK221	140V	180V	220(198~242)	300	360	40KA	40KA	20KA	360	√
34SK241	150V	200V	240(216~264)	300	395	40KA	40KA	20KA	390	√
34SK271	175V	225V	270(243~297)	300	455	40KA	40KA	20KA	420	√
34SK301	190V	250V	300(270~330)	300	500	40KA	40KA	20KA	460	-
34SK331	210V	275V	330(297~363)	300	550	40KA	40KA	20KA	500	√
34SK361	230V	300V	360(324~396)	300	595	40KA	40KA	20KA	510	√
34SK391	250V	320V	390(351~429)	300	650	40KA	40KA	20KA	530	√
34SK431	275V	350V	430(387~473)	300	710	40KA	40KA	20KA	600	√
34SK471	300V	385V	470(423~517)	300	775	40KA	40KA	20KA	650	√
34SK511	320V	415V	510(459~561)	300	845	40KA	40KA	20KA	700	√
34SK561	350V	460V	560(504~616)	300	925	40KA	40KA	20KA	730	√
34SK621	385V	505V	620(558~682)	300	1025	40KA	40KA	20KA	780	√
34SK681	420V	560V	680(612~748)	300	1120	40KA	40KA	20KA	810	√
34SK751	460V	615V	750(675~825)	300	1240	40KA	40KA	20KA	850	√
34SK781	485V	640V	780(702~858)	300	1290	40KA	40KA	20KA	930	√
34SK821	510V	670V	820(738~902)	300	1355	40KA	40KA	20KA	970	√
34SK911	550V	745V	910(819~1001)	300	1500	40KA	40KA	20KA	1050	√
34SK951	575V	760V	950(855~1045)	300	1570	40KA	40KA	20KA	1080	√
34SK102	625V	825V	1000(900~1100)	300	1650	40KA	40KA	20KA	1120	√
34SK112	680V	895V	1100(990~1210)	300	1815	40KA	40KA	20KA	1250	√
34SK122	750V	980V	1200(1080~1320)	300	1980	40KA	40KA	20KA	1250	√
34SK142	880V	1140V	1400(1260~1540)	300	2310	40KA	40KA	20KA	1400	-
34SK162	1000V	1280V	1600(1440~1760)	300	2640	40KA	40KA	20KA	1500	-
34SK182	1100V	1465V	1800(1620~1980)	300	2970	40KA	40KA	20KA	1600	-

Dimension(mm)



TABLE1		TABLE2	
Symbol	Dimensions	Part number	T(±1.0mm)
H(Max)	40..0mm	34SK201	3.7mm
L(Min)	14.5mm	34SK221	3.8mm
D(Max)	38.0mm	34SK241	3.9mm
D1(±1.0)	25.4mm	34SK271	4.1mm
T	TABLE2	34SK301	4.3mm
d(±0.25)	0.5mm	34SK331	4.4mm
d1(±0.3)	3.7mm	34SK361	4.6mm
K(Max)	3.2mm	34SK391	4.8mm
W(±0.5)	7.0mm	34SK431	4.9mm
ΦM(±0.2)	3.2mm	34SK471	5.3mm
		34SK511	5.5mm
		34SK561	5.8mm
		34SK621	6.2mm
		34SK681	6.5mm
		34SK751	6.9mm
		34SK781	7.1mm
		34SK821	7.3mm
		34SK911	7.9mm
		34SK951	8.7mm
		34SK102	9.3mm
		34SK112	9.8mm
		34SK122	10.5mm
		34SK142	11.5mm
		34SK182	12.5mm

Packing Information			  
Part Number	Quantity	Packaging Option	
34SK201 ~ 34SK561	60PCS	Foam box	
34SK621 ~ 34SK182	40PCS	Foam box	

Foam Box Bulk Pack

34SK201 ~ 34SK561

34SK621 ~ 34SK182

