

Varistor (MOV)

EV10 - 34mm Zinc Oxide Varistor

ELECSOUND

Wide Operating voltage (V1mA) range from 33V~1800V
 Withstanding Surge Current: 12000~40000A
 Large absorbing transient energy capability
 Fast responding to transient over-voltage
 Low Clamping ratio and no following-on current
 Rohs Compliant

Transistor, Diode, IC, Thyristor or diac semiconductor protection
 Surge protection in consumer electronics
 Surge protection in industrial electronics
 Surge protection in electronic home appliance, gas and petroleum.
 Relay and electromagnetic valve surge absorption

How To Order

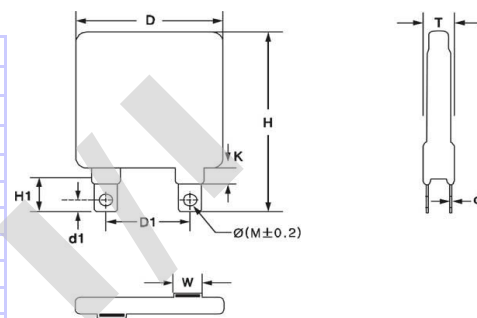
EV10	34	S	471	K	T
MARKing	Chip Diameter	D: Disk	Voltage 471= 47x10 ¹	Tolerance	Packing Style
	14 : 14mm	S: Square		K=±10%	
	20 : 20mm	E: Other		L=±15%	T: Tape
	25 : 25mm				Nothing: bulk
	34 : 34mm				
40 : 40mm					



Diameter And Size(Unit: mm)

Voltage	D (Max.)	H (Max.)	H1 (Min.)	D1 ±1	W (Max.)	T (Max.)
330K-390K	38	62	16	25.4	7.5	7
470K-101K	38	62	16	25.4	7.5	9
121K-182K	38	62	16	25.4	7.5	10.0
201K-271K	38	62	16	25.4	7.5	11.0
301K-621K	38	62	16	25.4	7.5	12.0
681K-911K	38	62	16	25.4	7.5	13.0
951K-122K	38	62	16	25.4	7.5	14.0
142K	38	62	16	25.4	7.5	15.0
162K	38	62	16	25.4	7.5	16.0
182K	38	62	16	25.4	7.5	18.0

øM=3.8



Electrical Characteristics

Part number	Voltage at DC _{1mA} (25°C)	Max. Continuous Applied Voltage		Max. Voltage at Class Current V _c (V)	Class Current (8/20us) I _p (A)	Energy Surge (10/1000us) Std.(J)	Max. Peak Current (A)	Std. I(A)	Typical Capatance @1KHz(pf)
		AC(V)	DC(V)						
EV10-34S330K	33(29.5-36.5)	20	26	65	60	55	15000	12000	43000
EV10-34S390K	39(35-43)	25	31	77	60	70	15000	12000	31000
EV10-34S470K	47(42-52)	30	38	93	60	85	15000	12000	28000
EV10-34S560K	56(50-62)	35	45	110	60	100	15000	12000	24500
EV10-34S680K	68(61-75)	40	56	135	60	125	15000	12000	21000
EV10-34S820K	82(74-90)	50	65	135	300	150	40000	30000	19000
EV10-34S101K	100(90-110)	60	85	165	300	185	40000	30000	15500
EV10-34S121K	120(108-132)	75	100	200	300	225	40000	30000	13000
EV10-34S151K	150(135-165)	95	125	250	300	285	40000	30000	11000
EV10-34S181K	180(162-198)	115	150	300	300	300	40000	30000	9000
EV10-34S201K	200(180-225)	130	170	340	300	310	40000	30000	5980
EV10-34S221K	220(198-242)	140	180	360	300	330	40000	30000	5520
EV10-34S241K	240(216-264)	150	200	395	300	360	40000	30000	5050
EV10-34S271K	270(243-297)	175	225	455	300	390	40000	30000	4600
EV10-34S301K	300(270-330)	195	250	505	300	410	40000	30000	4230
EV10-34S331K	330(297-363)	210	275	550	300	430	40000	30000	3950
EV10-34S361K	360(324-396)	230	300	595	300	460	40000	30000	3680
EV10-34S391K	390(351-429)	250	320	650	300	490	40000	30000	3300
EV10-34S431K	430(387-473)	275	350	710	300	550	40000	30000	2900
EV10-34S471K	470(423-517)	300	385	775	300	600	40000	30000	2660
EV10-34S511K	510(459-561)	320	418	842	300	640	40000	30000	2500
EV10-34S561K	560(504-616)	350	460	920	300	820	40000	30000	2300
EV10-34S621K	620(558-682)	385	510	1025	300	800	40000	30000	1840
EV10-34S681K	680(612-748)	420	560	1120	300	910	40000	30000	1750
EV10-34S751K	750(675-825)	460	615	1240	300	920	40000	30000	1650
EV10-34S781K	780(702-858)	485	640	1290	300	920	40000	30000	1560
EV10-34S821K	820(738-902)	510	670	1335	300	940	40000	30000	1500
EV10-34S911K	910(819-1002)	510	670	1335	300	960	40000	30000	1380
EV10-34S951K	950(855-1045)	510	670	1335	300	1000	40000	30000	1230
EV10-34S102K	1000(900-1102)	625	825	1650	300	1055	40000	30000	1190
EV10-34S112K	1100(990-1212)	680	895	1815	300	1100	40000	30000	1150
EV10-34S122K	1200(1080-1320)	750	980	1980	300	1200	40000	30000	1100
EV10-34S142K	1400(1278-1540)	870	1160	2370	300	1600	40000	30000	1000
EV10-34S162K	1600(1440-1764)	1000	1200	2700	300	1830	40000	30000	900
EV10-34S182K	1800(1620-1982)	1200	1465	2970	300	2050	40000	30000	800

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