

MOV Varistor Device: FMOV05-D Series

1. Device Ratings and Characteristics

Part Number	Maximum Continuous Voltage		Varistor Voltage (@1mA)			Maximum Clamping Voltage @Test Current (@8/20µs)		Maximum Energy (@10/1000µs)	Maximum Peak Current (@8/20µs)	Rated Power	Typical Capacitance (@1KHz)
	ACrms(V)	DC(V)	Vn(Vdc)	Min.	Max.	Vc(V)	Ip(A)	(J)	(A)	(W)	(pF)
FMOV05180-D	11	14	18	16	20	40	1	0.4	100	0.01	1600
FMOV05220-D	14	18	22	20	24	48	1	0.5	100	0.01	1500
FMOV05270-D	17	22	27	24	30	60	1	0.6	100	0.01	1450
FMOV05330-D	20	26	33	30	36	73	1	0.8	100	0.01	1400
FMOV05390-D	25	31	39	35	43	86	1	0.9	100	0.01	700
FMOV05470-D	30	38	47	42	52	104	1	1.1	100	0.01	650
FMOV05560-D	35	45	56	50	62	123	1	1.3	100	0.01	600
FMOV05680-D	40	56	68	61	75	150	1	1.6	100	0.01	580
FMOV05820-D	50	65	82	74	90	145	5	2.5	400	0.10	310
FMOV05101-D	60	85	100	90	110	175	5	3.0	400	0.10	290
FMOV05121-D	75	100	120	108	132	210	5	4.0	400	0.10	270
FMOV05151-D	95	125	150	135	165	260	5	4.8	400	0.10	240
FMOV05181-D	115	150	180	162	198	315	5	5.9	400	0.10	140
FMOV05201-D	130	170	200	180	220	355	5	6.5	400	0.10	120
FMOV05221-D	140	180	220	198	242	380	5	7.0	400	0.10	110
FMOV05241-D	150	200	240	216	264	415	5	8.0	400	0.10	110
FMOV05271-D	175	225	270	243	297	475	5	8.5	400	0.10	100
FMOV05301-D	195	250	300	270	330	505	5	9.0	400	0.10	100
FMOV05331-D	215	275	330	297	363	585	5	10.0	400	0.10	90
FMOV05361-D	230	300	360	324	396	620	5	10.0	400	0.10	80
FMOV05391-D	250	320	390	351	429	675	5	12.0	400	0.10	80
FMOV05431-D	275	350	430	387	473	745	5	13.0	400	0.10	70
FMOV05471-D	300	385	470	423	517	810	5	15.0	400	0.10	70
FMOV05511-D	320	410	510	459	561	878	5	16.0	400	0.10	65
FMOV05561-D	350	460	560	504	616	940	5	18.0	400	0.10	65
FMOV05621-D	395	510	620	558	682	1050	5	18.0	400	0.10	65
FMOV05681-D	420	560	680	612	748	1120	5	18.0	400	0.10	60
FMOV05751-D	460	615	750	675	825	1240	5	18.0	400	0.10	60