

HO CHIENT ELECTRONIC GROUP, INC.

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GENERAL INFOMOV DIMENSIONSPACKAGING SPEC

TAPING SPEC

ELECTRICAL SPEC

[SMD](#)5mm7mm10mm14mm18mm20mm

Electrical Specifications: 7mm V-I Curves

7MM Disc Varistor P/N #	Max. Allowable Voltage (V)		Maximum Cramping (V)	Withstanding Surge Current	Rated Wattage (W)	Energy Joules	Varistor Voltage @1mA	Typical Capacitance			
	ACrms	DC	Voltage @10A	1 time / 2 times	(W)	@2mS	+/- 10%	pF @1kHz	U/L	CSA	VDE
MOV8ROMD07	4	5.5	20 @ 2.5A	250 / 125	0.02	1.0	8	6300	*	*	
MOV120MD07	6	8	30 @ 2.5A	250 / 125	0.02	1.2	12	4200	*	*	
MOV180LD07	10	14	38 @ 2.5A	250 / 125	0.02	1.5	18	2800	*	*	
DNR7D180K											
MOV220KD07	14	18	43 @ 2.5A	250 / 125	0.02	1.7	22	2300	*	*	
DNR7D220K											
MOV270KD07	17	22	53 @ 2.5A	250 / 125	0.02	2.0	27	1800	*	*	
DNR7D270K											
MOV330KD07	20	26	65 @ 2.5A	250 / 125	0.02	2.5	33	1500	*	*	
DNR7D330K											
MOV390KD07	25	31	77 @ 2.5A	250 / 125	0.02	3	39	1300	*	*	
DNR7D390K											
MOV470KD07	30	38	93 @ 2.5A	250 / 125	0.02	3.6	47	1100	*	*	
DNR7D470K											
MOV560KD07	35	45	110 @ 2.5A	250 / 125	0.02	4.4	56	890	*	*	
DNR7D560K											
MOV680KD07	40	56	135 @ 2.5A	250 / 125	0.02	5.2	68	740	*	*	
DNR7D680K											
MOV820KD07	50	65	135	1200 / 600	0.25	7	82	600	*	*	*
DNR7D820K									*		
MOV101KD07	60	85	165	1200 / 600	0.25	8.3	100	500	*	*	*
DNR7D101K									*		
MOV121KD07	75	100	200	1200 / 600	0.25	10	120	420	*	*	*
DNR7D121K									*		
MOV151KD07	95	125	250	1200 / 600	0.25	12	150	330	*	*	*
DNR7D151K									*		
MOV181KD07	115	150	300	1200 / 600	0.25	13	180	280	*	*	*
DNR7D181K									*		
MOV201KD07	130	170	340	1200 / 600	0.25	18	200	250	*	*	*
DNR7D201K									*		
MOV221KD07	140	180	360	1200 / 600	0.25	20	220	230	*	*	*

DNR7D221K									*		
MOV241KD07	150	200	395	1200 / 600	0.25	20	240	210	*	*	*
DNR7D241K									*		
MOV271KD07	175	225	455	1200 / 600	0.25	23	270	185	*	*	*
DNR7D271K									*		
MOV301KD07	190	250	500	1200 / 600	0.25	25	300	165	*	*	*
MOV331KD07	210	275	550	1200 / 600	0.25	27	330	150	*	*	*
DNR7D331K									*		
MOV361KD07	230	300	595	1200 / 600	0.25	30	360	140	*	*	*
DNR7D361K									*		
MOV391KD07	250	320	650	1200 / 600	0.25	33	390	130	*	*	*
DNR7D391K									*		
MOV431KD07	275	350	710	1200 / 600	0.25	36	430	115	*	*	*
DNR7D431K									*		
MOV471KD07	300	385	775	1200 / 600	0.25	40	470	105	*	*	*
DNR7D471K									*		
MOV511KD07	320	415	845	1200 / 600	0.25	40	510	100	*	*	*
MOV561KD07	350	460	920	1200 / 600	0.25	40	560	90	*	*	*
MOV621KD07	385	505	1025	1200 / 600	0.25	44	620	80	*	*	*
MOV681KD07	420	560	1120	1200 / 600	0.25	44	680	75	*	*	*
MOV751KD07	460	615	1240	1200 / 600	0.25	48	750	65	*	*	*
MOV781KD07	485	640	1290	1200 / 600	0.25	48	780	65	*	*	*
MOV821KD07	510	675	1355	1200 / 600	0.25	48	820	60	*	*	*

>> V-I Curves and Life Time charts are available by fax. Please contact Ho Chien for a copy by fax.

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 Electrical Spec (OD): [[SMD](#)] [[5mm](#)] [[7mm](#)] [[10mm](#)] [[14mm](#)] [[18mm](#)] [[20mm](#)]

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