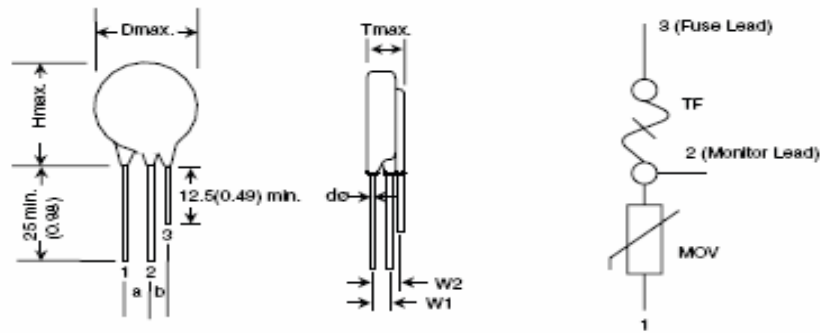




**TMOV WITH INBUILT THERMAL CUTOFF**  
**T20D SPECIFICATION**

Model Number 20mm	Maximum Allowable Voltage		Varistor Voltage V1mA (V)	Clamping Voltage (Max.)		Maximum Peak Current (8/20µS)		Maximum Energy (JOULE)		Rated Power (w)	Typical Capacitance (Reference) @1KHZ (pf)
	Acrms (V)	DC (V)		VC (V)	IP (A)	1 Time (A)	2 Times (A)	10/1000 µS	2ms		
	T20D180KM	11	14	18(15.5-21.0)	36	20	3000	2000	13	11	0.20
T20D220KM	14	18	22(20-24)	43	20	3000	2000	16	13	0.20	18500
T20D270KM	17	22	27(24-30)	53	20	3000	2000	19	15	0.20	13000
T20D330KM	20	26	33(30-36)	65	20	3000	2000	24	20	0.20	11500
T20D390KM	25	31	39(35-43)	77	20	3000	2000	28	24	0.20	8500
T20D470KM	30	38	47(42-52)	93	20	3000	2000	34	30	0.20	7400
T20D560KM	35	45	56(50-62)	110	20	3000	2000	41	35	0.20	6500
T20D680KM	40	56	68(61-75)	135	20	3000	2000	49	40	0.20	5800
T20D820KM	50	65	82(74-90)	135	100	10000	7000	56	41	1.00	4900
T20D101KM	60	85	100(162-198)	165	100	10000	7000	70	56	1.00	4000
T20D121KM	75	100	120(108-132)	200	100	10000	7000	85	66	1.00	3300
T20D151KM	95	125	150(135-165)	250	100	10000	7000	106	75	1.00	2700
T20D181KM	115	150	180(162-198)	300	100	10000	7000	130	90	1.00	2200
T20D201KM	130	170	200(185-225)	340	100	10000	7000	140	100	1.00	2000
T20D221KM	140	180	220(198-225)	360	100	10000	7000	155	110	1.00	1800
T20D241KM	150	200	240(216-264)	395	100	10000	7000	168	120	1.00	1650
T20D271KM	175	225	270(243-297)	455	100	10000	7000	190	135	1.00	1500
T20D301KM	190	250	300(270-330)	500	100	10000	7000	210	148	1.00	1300
T20D331KM	210	275	330(297-363)	550	100	10000	7000	228	160	1.00	1200
T20D361KM	230	300	360(324-396)	595	100	10000	7000	255	180	1.00	1100
T20D391KM	250	320	390(351-429)	650	100	10000	7000	275	195	1.00	1000
T20D431KM	275	350	430(387-473)	710	100	10000	7000	305	215	1.00	930
T20D471KM	300	385	470(423-517)	775	100	10000	7000	350	250	1.00	850
T20D511KM	320	415	510(459-561)	845	100	10000	7000	382	273	1.00	780
T20D561KM	350	460	560(504-616)	925	100	10000	7000	380	273	1.00	710
T20D621KM	385	505	620(558-682)	1025	100	10000	7000	380	273	1.00	650
T20D681KM	420	560	680(612-748)	1120	100	10000	7000	380	273	1.00	600
T20D751KM	460	615	750(675-825)	1240	100	10000	7000	420	300	1.00	530
T20D781KM	485	640	780(702-858)	1290	100	10000	7000	440	310	1.00	510
T20D821KM	510	670	820(738-902)	1355	100	10000	7000	460	325	1.00	500
T20D911KM	550	745	910(819-1001)	1500	100	10000	7000	510	360	1.00	440
T20D102KM	625	825	1000(900-1100)	1650	100	10000	7000	565	400	1.00	400
T20D112KM	680	895	1100(990-1210)	1815	100	10000	7000	620	440	1.00	360



**$D_{max}$ : 23mm**

**$H_{max}$ : 28mm**

**$d\phi$ (Nom.): 1.0mm**

**a: 10.0mm +/- 1.0mm**

**b: 6.5mm +/- 1.2mm**