

Surface-Mount Devices

Varistors



Type No.	Absolute Maximum Ratings				Electrical Characteristics (Ta=25°C)						Outline	
	IF	IFSM	Tstg	Tj	VF1	IF1	VF2	IF2	VF3	IF3	Package	Fig.
	[mA]	[A]	[°C]	[°C]	[V]	[mA]	[V]	[mA]	[V]	[mA]		
☆VR61F1*1	370	7.5	-55~150	150	2.3±0.25	1	2.75±0.25	10	3.1±0.25	70	1F	96-1
☆VRYA6**2	310	8	-30~125	125	2.3±0.25	1	2.75±0.25	10	3.1±0.25	70	1Y	29
15**2	140	6.5			5.75±0.62		6.875±0.625		7.75±0.62			

※1: On alumina substrate ※2: On alumina substrate, 1 element operation. ☆: New products

Transient Surge Suppressors



Type No.	Absolute Maximum Ratings					Electrical Characteristics					Outline		
	VDRM	ITSM	Conditions	Tstg	Tj	Vbo (min)	IDRM (max)	Conditions	Ih (min)	Cj (max)	Package	Fig.	
	[V]	[A]	[μs]	[°C]	[°C]	[V]	[μA]	Vb [V]	[mA]	[pF]			
KL3Z07	5	30	10 / 1000	-40~125	125	5.5	10	5	50	100※	1F	96-3	
18	15					15.5		15					
☆KL3LU08	63	30	10 / 1000	-40~125	125	70	10	63	100	90			72-2
☆KL3L07	58	30	10 / 1000	-40~125	125	65	10	58	100	90			96-3
KL3N14	120	30	10 / 1000	-40~125	125	130	10	120	100	50			96-3
☆KL3R20	160	30	10 / 1000	-40~125	125	190	10	180	100	30			
KP4L07	58	40	10 / 1000	-40~125	125	65	10	58	100	90	2F	73	
☆08	63					70		63					
KP4N12	100	40	10 / 1000	-40~125	125	110	10	100	100	50			
KP8LU07	58	80	10 / 1000	-40~125	125	65	10	58	100	100			
KP10L06	48	100	10 / 1000	-40~125	125	55	10	48	100	180			
07	58					65		58					
08	63					70		63					
KP10LU07	58	100	10 / 1000	-40~125	125	62	10	58	100	180			
KP10N14	120	100	10 / 1000	-40~125	125	130	10	120	100	140			
KP10R25	190	100	10 / 1000	-40~125	125	220	10	190	100	90			
☆KP15L08	63	150	10 / 1000	-40~125	125	70	10	63	100	320			
KP15N14	120	150	10 / 1000	-40~125	125	130	10	120	100	200			
KP15R25	190	150	10 / 1000	-40~125	125	220	10	190	100	150			
☆KU5N12	100	50	10 / 1000	-40~125	125	110	10	100	100	50	M2F	74	
KU10LU07	58	100				62		58		180			
☆KU10L08	63					70		63					
☆KU10R29N	250					275		250					90
☆KU10S40N	300	100	10 / 1000	-40~125	125	375	10	300	100	90			
☆KU15N14	120	150	10 / 1000	-40~125	125	125	10	120	100	200			

☆: New product (Please feel free to ask delivery information to us.) ○: Uni-directional type *: Vb=0V
KU: UL497B recognized File No.E183905