

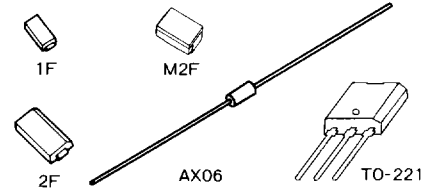
Transient Surge Suppressors

[Features]

1. Bidirectional characteristics
2. High speed response
3. Large surge current capacity
4. Repeated use against surges is possible.

[Applications]

1. Lightning surge adsorption for communications circuits
2. Lightning surge adsorption for transmitters and switchboards
3. Surge protection for ISDN terminals



Type No.	Color Code	Absolute Maximum Ratings					Electrical Characteristics					Outline	
		VDRM [V]	ITSM [A]	Conditions [μs]	Tstg [°C]	Tj [°C]	VBO (min) [V]	IDRM (max) [μA]	Conditions Vb [V]	Ih (min) [mA]	Cj (max) [pF]	Package	Fig.
☆KA3Z07	Red	5	30	10 / 1000	-40~125	125	5.5	10	5	50	100*	AX06	2
☆ 18	Silver	15					15.5		15				
☆KA10N14	Violet	120	100	10 / 1000	-40~125	125	130	10	120	100	140	AX10	6
☆KA10R25	Green	190					220		190		90		
☆KL3Z07	—	5	30	10 / 1000	-40~125	125	5.5	10	5	50	100*	1F	72
☆ 18	—	15					15.5		15				
☆KL3L07	—	58	30	10 / 1000	-40~125	125	65	10	58	100	90	1F	72
☆KL3N14	—	120					10		120		100		
☆KL3R20	—	180	30	10 / 1000	-40~125	125	190	10	180	100	30	1F	72
☆ 25	—	190					220		190		30		
☆KP4L07	—	58	40	10 / 1000	-40~125	125	65	10	58	100	90	1F	72
☆ 08	—	63					70		63		90		
☆KP4N12	—	100	40	10 / 1000	-40~125	125	110	10	100	100	50	1F	72
☆ 14	—	120					130		120		100		
☆KP4R25	—	190	40	10 / 1000	-40~125	125	220	10	190	100	30	1F	72
☆KP10L06	—	48					55		48		180		
☆ 07	—	58	100	10 / 1000	-40~125	125	65	10	58	100	180	2F	73
☆ 08	—	63					70		63		180		
☆KP10N12	—	100	100	10 / 1000	-40~125	125	110	10	100	100	140	2F	73
☆ 14	—	120					130		120		100		
☆KP10R25	—	190	100	10 / 1000	-40~125	125	220	10	190	100	90	2F	73
☆ 29	—	220					275		260		100		
☆KP15L07	—	58	150	10 / 1000	-40~125	125	65	10	58	100	320	2F	73
☆ 08	—	63					70		63		320		
☆KP15N12	—	100	150	10 / 1000	-40~125	125	110	10	100	100	200	2F	73
☆ 14	—	120					130		120		100		
☆KP15R25	—	190	150	10 / 1000	-40~125	125	220	10	190	100	150	2F	73
☆KL3LU06	—	48					55		48		100		
☆KL3LU07	—	58	30	10 / 1000	-40~125	125	65	10	58	100	90	1F	72
☆ 08	—	63					70		63		100		
☆KP8LU07	—	58	80	10 / 1000	-40~125	125	65	10	58	100	100	2F	73
☆KP10LU07	—	58					65		58		180		
☆ 08	—	63	100	10 / 1000	-40~125	125	70	10	63	100	180	2F	73
☆KU10L06	—	50					55		50		180		
☆ 4N12	—	100	40	10 / 1000	-40~125	125	110	10	100	100	50	M2F	74
☆ 10R25N	—	190					220		190		90		
☆ 10R29N	—	250	100	10 / 1000	-40~125	125	275	10	250	100	90	M2F	74
☆ 15N14	—	120					125		120		200		
☆ 4L08	—	63	40	70	63	90							
☆KT10L07	—	58	100	10 / 1000	-40~125	125	65	10	58	100	180	TO-221	93
☆ 08	—	63					70		63		180		
☆KT10N12	—	100	100	10 / 1000	-40~125	125	110	10	100	100	140	TO-221	93
☆ 14	—	120					130		120		100		
☆KT10R25	—	190	100	10 / 1000	-40~125	125	220	10	190	100	90	TO-221	93
☆KT15N12	—	100					110		100		200		
☆ 14	—	120	150	10 / 1000	-40~125	125	130	10	120	100	200	TO-221	93
☆KT15R25	—	190					220		190		100		
☆KT40N14	—	120	400	10 / 1000	-40~125	125	130	10	120	200	300	TO-221	92
☆KT40R23	—	170					1000		15 / 100		400		

☆ : New products ★ : Under development * : Vd=0V