

TWO TERMINAL THYRISTOR SERIES TVS SPECIFICATION

TWO TERMINAL THYRISTOR SERIES SURFACE MOUNT AND AXIAL LEAD TWO TERMINAL THYRISTOR (3T) SURGE SUPPRESSOR

3T PART NUMBER	MARKING CODE FOR SMD PACKAGE	REPETITIVE PEAK OFF- STAGE VOLTAGE V_{DRM} VOLTS	SWITCHING VOLTAGE @100V/ μ s V_s VOLTS	MINIMUM HOLDING CURRENT $dI/dt=1A/ms$ I_H mA	SWITCHING CURRENT I_s mA	SURGE RATINGS IPP 10*1000 μ S Amps	ON-STAGE CURRENT I_T A	TYPICAL CAPACITANCE @2V,1MHz C pF
3T064A	GC	58	77	150	800	50	1	60
3T072A	GD	65	88	150	800	50	1	60
3T080A	GE	75	98	150	800	50	1	60
3T110A	GF	90	130	150	800	50	1	60
3T130A	GG	120	160	150	800	50	1	40
3T150A	GH	140	180	150	800	50	1	40
3T180A	GI	160	220	150	800	50	1	40
3T230A	GJ	190	260	150	800	50	1	30
3T260A	GK	220	300	150	800	50	1	30
3T310A	GL	275	350	150	800	50	1	30
3T350A	GM	300	400	150	800	50	1	30
3T064B	GP	58	77	150	800	100	1	60
3T072B	GQ	65	88	150	800	100	1	60
3T080B	GR	75	98	150	800	100	1	60
3T110B	GS	90	130	150	800	100	1	60
3T130B	GT	120	160	150	800	100	1	40
3T150B	GU	140	180	150	800	100	1	40
3T180B	GV	160	220	150	800	100	1	40
3T230B	GW	190	260	150	800	100	1	30
3T260B	GX	220	300	150	800	100	1	30
3T310B	GY	275	350	150	800	100	1	30
3T350B	GZ	300	400	150	800	100	1	30

Maximum Off-State Current @ V_{DRM} : 5 μ a

Maximum On-State Current @ I_T : 5volts

TWO TERMINAL THYRISTOR SERIES RATINGS AND CHARACTERISTIC CURVES

Ratings and Characteristic Curves ($T_A = 25^\circ\text{C}$ unless otherwise noted)

FIGURE 1
PULSE WAVE FORM EXAMPLE

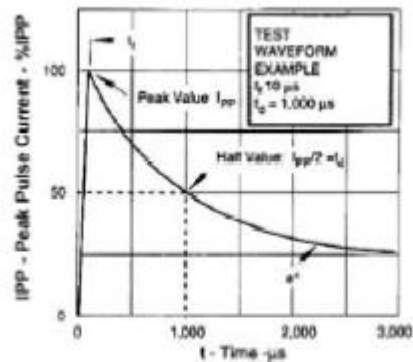


FIGURE 2
TYPICAL PEAK OFF-STATE CURRENT VS JUNCTION TEMPERATURE

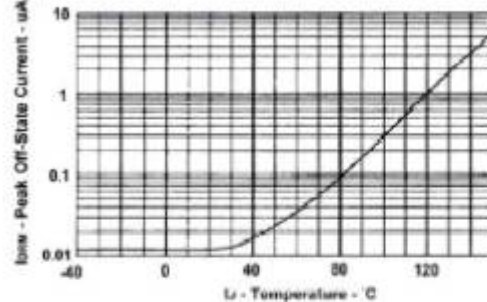


FIGURE 3
TYPICAL ON-STATE CURRENT VS ON-STATE VOLTAGE

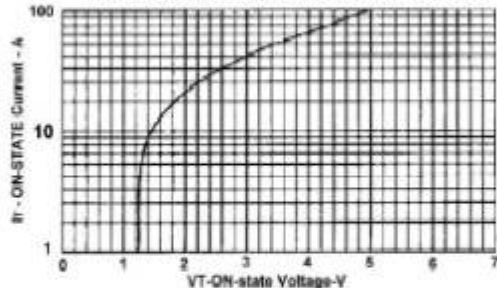


FIGURE 4
TYPICAL HOLDING CURRENT VS JUNCTION TEMPERATURE

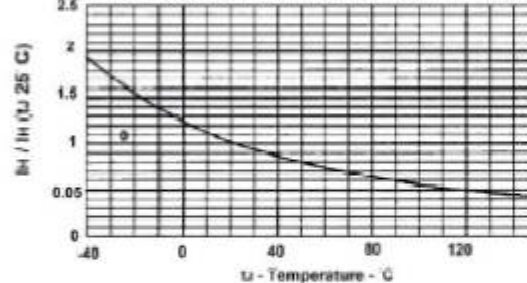


FIGURE 5
TYPICAL NORMALIZED VS JUNCTION TEMPERATURE

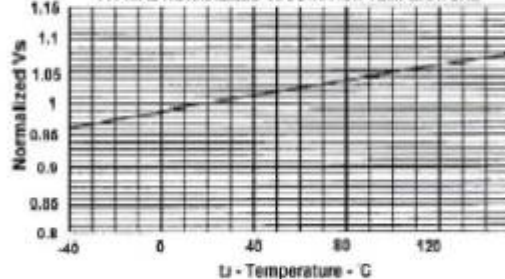


FIGURE 6
ON-STATE CURRENT VS SURGE CURRENT DURATION

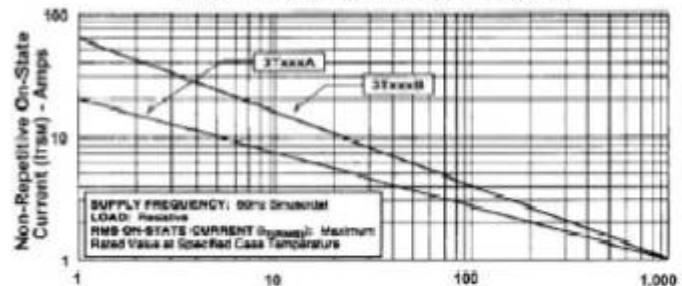


FIGURE 7
V-I CHARACTERISTICS CURVE

