乐山无线电股份有限公司
Leshan Radio Co.,Ltd

TWO TERMINAL THYRISTOR SERIES

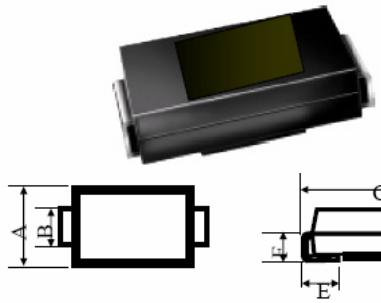
FEATURES

- ◎ UL94V-0 Flammability Classification
- ◎ ESD Protection >40 kilovolts
- ◎ Low Capacitance for T1/E1 Trunk and Line Card Application
- ◎ High Surge Current Capability (See Electrical Characteristics)
- ◎ Peak Off-State Voltage from 58 to 300 volts
- ◎ Meet IEC61000-4-4 & -5 Industry Requirement
- ◎ Provides Protection in Accordance with FCC Part 68 ,UL1459,Bellcore 1089,ITU-TK. 20 & K. 21

MECHANICAL DATA

Case: JEDEC DO214AA. Molded plastic over glass passivated junction
Terminal: Solder plated, solderable per MIL-STD-750 ,Method 2026
Standard Packaging: 12mm tape (EIA STD RS-481)
Weight: 0.003 ounce, 0.093 gram

TWO TERMINAL THYRISTOR (3T) SURGE SUPPRESSOR



A	B	C	D
.155(3.94)	.086(2.2)	.220(5.59)	.096(2.44)
.130(3.3)	.077(1.95)	.205(5.21)	.084(2.13)

E	F
.060(1.52)	.016(0.40)
.030(0.76)	.006(0.15)

Demensions in inches and (millmeters)

3T PART NUMBER	REPETITIVE PEAK OFF-STAGE VOLTAGE V_{DRM} VOLTS	SWITCHING VOLTAGE @100V/us Vs VOLTS	MINIMUM HOLDING CURRENT dI/dt=1A/ms I_H mA	SWITCHING CURRENT Is mA	SURGE RATINGS IPP 10*1000 μS Amps	ON-STAGE CURRENT I_T A	MAXIMUM CAPACITANCE @50V,1MHz pF	MARKING CODE
3T110B	90	130	150	800	75	1	100	GS
3T130B	120	160	150	800	75	1	70	GT
3T150B	140	180	150	800	75	1	70	GU
3T180B	160	220	150	800	75	1	70	GV
3T230B	190	260	150	800	75	1	50	GW
3T260B	220	300	150	800	75	1	50	GX
3T310B	275	350	150	800	75	1	40	GY
3T350B	300	400	150	800	75	1	40	GZ
3T400B	360	400	150	800	75	1	40	GN
3T110C	90	130	150	800	100	1	100	HF
3T130C	120	160	150	800	100	1	70	HG
3T150C	140	180	150	800	100	1	70	HH
3T180C	160	220	150	800	100	1	70	HI
3T230C	190	260	150	800	100	1	50	HJ
3T260C	220	300	150	800	100	1	50	HK
3T310C	275	350	150	800	100	1	40	HL
3T350C	300	400	150	800	100	1	40	HM
3T400C	360	450	150	800	100	1	40	HS

Maximum Off-State Current @V_{DRM} : 5μA
Maximum On-State Voltage @I_T : 5volts

RATINGS AND CHARACTERISTIC CURVES

(TA=25℃ unless otherwise noted)

Fig.1 Pulse Wave Form Example

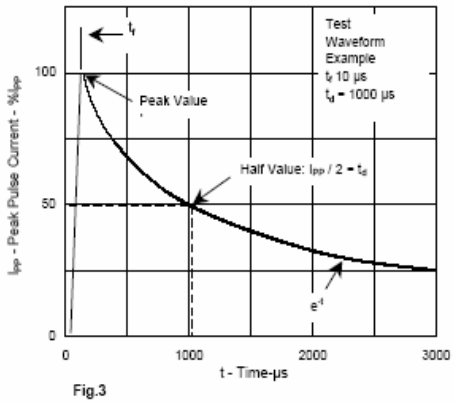


Fig.2
Typical Peak Off-State Current Vs Junction

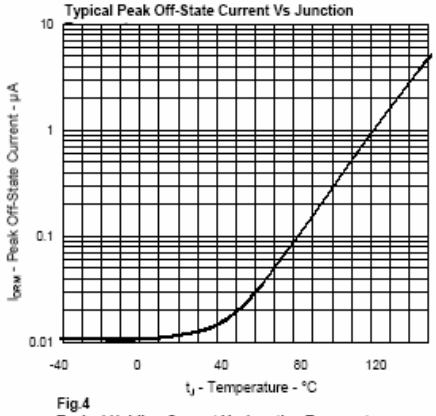


Fig.3
Typical On-State Current Vs On-State Voltage

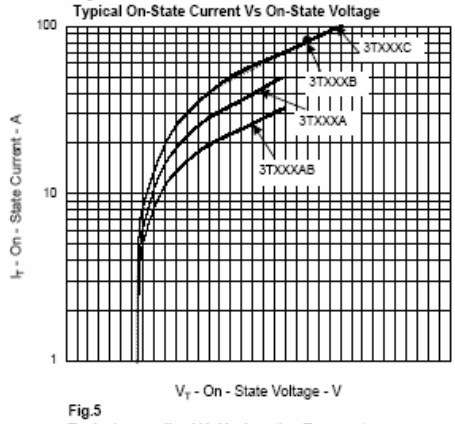


Fig.4
Typical Holding Current Vs Junction Temperature

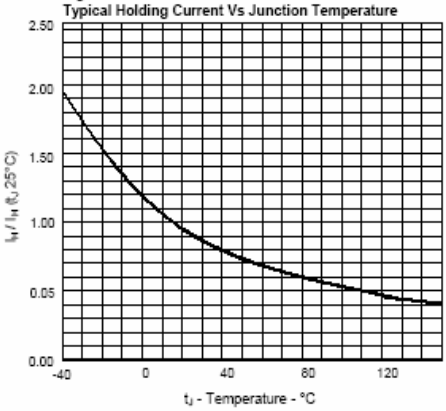


Fig.5
Typical normalized V_S Vs Junction Temperature

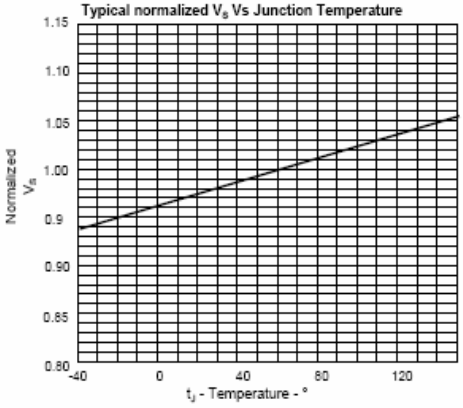


Fig.6 On-State Current Vs Surge Current

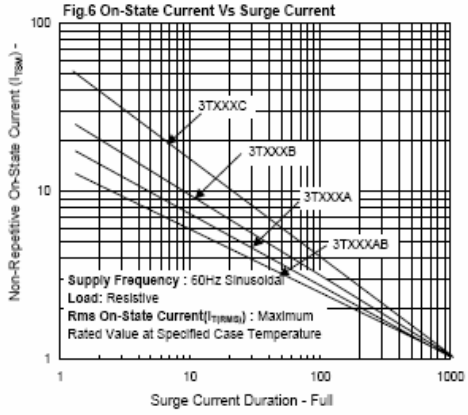


Fig.7 V - I Characteristics Curve