

DEVICES FOR BATTERY PACK APPLICATIONS

LTP devices provide reliable, noncycling protection for rechargeable batteries. LTP devices also offer additional protection at elevated temperatures.

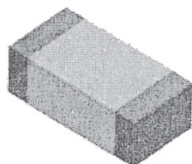
Cat. No.	I _V * (A)	I _T (A)	V _{max} (VDC)	I _{max} (A)	R _{max} Initial (Ω)	Net Price
LTP070SF	0.7	1.45	15	100	0.200	\$.52
LTP100F	1.0	2.5	24	100	0.130	.51
LTP180F	1.8	3.8	24	100	0.068	.53
LTP190F	1.9	4.2	24	100	0.057	.53

SiBAR THYRISTOR SURGE PROTECTION DEVICES

SiBar thyristor surge protectors are bi-directional silicon devices that fold back in the presence of transient overvoltage faults. When the breakover voltage of a SiBar device is exceeded, the device switches from high to low impedance to protect sensitive downstream equipment from harmful voltage surges. The device remains latched in a low impedance state until current decreases below the hold current, at which point the device returns to its high-impedance state. SiBar devices may be used in conjunction with PolySwitch® resettable fuses in telecommunications applications, including network equipment, customer premise equipment, and primary protectors. Meets the stringent requirements of FCC part 68, UL1459/UL1950 3rd Edition, UL497A, and ITU-T Recommendation K.21.

Cat. No.	V _{DM} ¹ max. (V)	V _{BO} ² max. (V)	I _H min. (mA)	V _T ³ max. (V)	C ₁ ⁴ Typ (pF)	Net Price
TVB170SA-L	270	265	150	4.0	20	\$.37
TVB270SA-L	270	365	150	4.0	20	.37
TVB270SB-L	270	365	150	4.0	25	.51
TVB170SC-L	170	265	150	4.0	50	.66
TVB270SC-L	270	365	150	4.0	50	.66

NOTES: All electrical characteristics are measured at 25°C. ¹ V_{DM} measured per UL497B pulse requirements; max. off-state leakage current (I_{DM}) = 5µA. ² Measured at a typical breakover current (I_{BO}) = 230mA. ³ C, measures at f = 1MHz, 50-V_{DC} bias, 1 V_{RMS}. ⁴ Peak on-state surge current (60Hz, one cycle).



RAYCHEM PESD PROTECTION DEVICES

The Raychem PESD protection devices provide exceptionally low capacitance, and they perform better than other comparable components in transmission line pulse (TLP) testing, as well as IEC61000-4-2 testing, especially after Multiple hits (up to 1000). The devices offer a lower trigger voltage and a lower clamping voltage than typical polymer ESD devices, resulting in improved protection of sensitive electronic components.

Cat. No.	V _{DC} V	V _T (IEC) V	V _C (IEC) V	C _P pF	I _L (TYP) µA	I _L (max) µA	Net Price
PESD0402-060	6	150	25	0.25	<0.001	0.05	\$.17
PESD0603-140	14	350	30	0.25	<0.001	0.01	.13

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