

TSA TELECOMMUNICATION SURGE ABSORBER

TSA surge absorbers protect sensitive telecommunication systems and power supplies by absorbing the incoming voltage and current noise arising from signal generation or by lightning strikes. These units feature a quick response and high stability to voltage surges and are polarity free. Some models are recognized by UL (File No. E208457) Check with your nearest RARA dealer for more details.



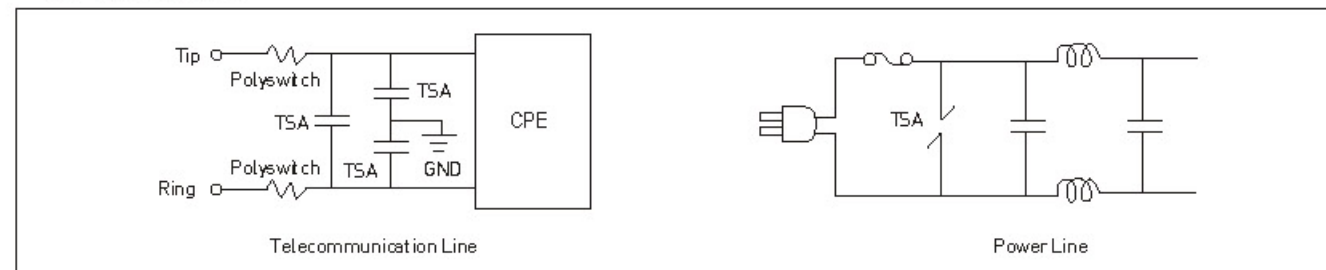
GENERAL SPECIFICATIONS

Model	DC Spark-Over Voltage(V)	Insulated Resistance		Capacitance (pF)
		IR(M Ω)	Measure Voltage(V)	
T5 A201 M	160-240	Over100	DC100	1 Max.
T5 A301 L	255-345	Over100	DC100	1 Max.
T5 A301 M	240-360	Over100	DC100	1 Max.
T5 A401 M	320-480	Over100	DC100	1 Max.
T5 A501 M	400-600	Over100	DC100	1 Max.
T5 A601 M	480-720	Over100	DC100	1 Max.

CHARACTERISTICS

Cold resistance	To meet the specified value	-55 \pm 3 $^{\circ}$ C, 1000hours, measure Vs, IR, C
Heat resistance	To meet the specified value	125 \pm 2 $^{\circ}$ C, 1000hours, measure Vs, IR, C
Moisture resistance	To meet the specified value	85 \pm 2 $^{\circ}$ C, 85%RH, 1000hr., 1.5hours on 0.5hours off, Measure Vs, IR, C
Dump heat, steady, state	To meet the specified value	-55 \pm 3 $^{\circ}$ C, 1000 hours, Room temp.(3 minutes) +125 \pm 2 $^{\circ}$ C, 1000 hours, Room temp.(3 minutes) -55 \pm 3 $^{\circ}$ C(30minute), 200times, measure Vs, IR, C
Surge life	Δ Vs/Vs \leq 30%	Apply 10kV to charge a 1.5nF capacitor, 200times, 10sec. interval
Surge current capacity	Δ Vs/Vs \leq 20%	10/700 μ s 1.5kV 37.5A \pm 5times

APPLICATION



DIMENSIONS [mm]

Model	Dimension(mm)				
	L	Φ D	I	Φ d	
				Ttype	Rtype
TSA	7.0 \pm 0.5	3.1 \pm 0.5	28.0 \pm 3.0	0.5 \pm 0.05	0.68 \pm 0.05

ORDERING PROCEDURE EXAMPLE

