

Axial TransGuard® and StaticGuard

Axial Multilayer Ceramic Transient Voltage Suppressors

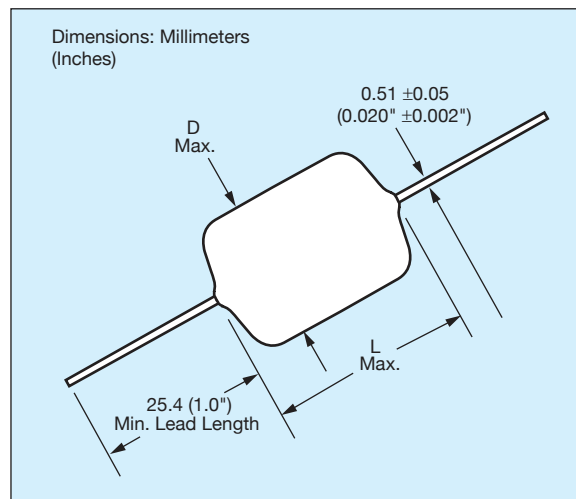
AXIAL TRANSGUARD®

Part Number	V _w (DC)	V _w (AC)	V _B	V _c	I _{vc}	I _L	E _T	I _p	Cap	Freq	Case
VA100003A100	3.3	2.3	5.0±20%	12	1	100	0.1	40	1500	K	1000
VA100003D100	3.3	2.3	5.0±20%	12	1	100	0.4	150	4700	K	1000
VA100005A150	5.6	4.0	8.5±20%	18	1	35	0.1	40	1000	K	1000
VA100005D150	5.6	4.0	8.5±20%	18	1	35	0.4	150	2800	K	1000
VA100014A300	14.0	10.0	18.5±12%	32	1	15	0.1	40	325	K	1000
VA100014D300	14.0	10.0	18.5±12%	32	1	15	0.4	150	1100	K	1000
VA100018A400	18.0	13.0	25.5±10%	42	1	10	0.1	40	350	K	1000
VA100018D400	18.0	13.0	25.5±10%	42	1	10	0.4	150	900	K	1000
VA100026D580	26.0	18.0	34.5±10%	60	1	10	0.4	120	650	K	1000
VA100030D650	30.0	21.0	41.0±10%	67	1	10	0.4	120	550	K	1000
VA100048D101	48.0	34.0	62.0±10%	100	1	10	0.4	100	200	K	1000
VA200060K121	60.0	42.0	76.0±10%	120	1	10	2.0	300	400	K	2000

AXIAL STATICGUARD

Part Number	V _w (DC)	V _w (AC)	V _B	V _c	I _{vc}	I _L	E _T	I _p	Cap	Freq	Case
VA10LC18A500	≤18.0	≤14.0	25-40	50	1	10	0.1	30	200	K	1000

- V_w(DC) DC Working Voltage [V]
- V_w(AC) AC Working Voltage [V]
- V_B Typical Breakdown Voltage (V @ 1mA_{DC})
- V_{B Tol} V_B Tolerance is ± from Typical Value
- V_c Clamping Voltage (V @ I_{vc})
- I_{vc} Test Current for V_c (A, 8x20μS)
- I_L Maximum Leakage Current at the Working Voltage (μA)
- E_T Transient Energy Rating (J, 10x1000μS)
- I_p Peak Current Rating (A, 8x20μS)
- Cap Typical Capacitance (pF) @ frequency specified and 0.5 V_{RMS}
- Freq Frequency at which capacitance is measured (K = 1kHz, M = 1MHz)



DIMENSIONS:

mm (inches)

Style		VA1000	VA2000
(L) Max Length	mm (in.)	4.32 (0.170)	4.83 (0.190)
(D) Max Diameter	mm (in.)	2.54 (0.100)	3.56 (0.140)

Lead Finish: Copper Clad Steel, Solder Coated