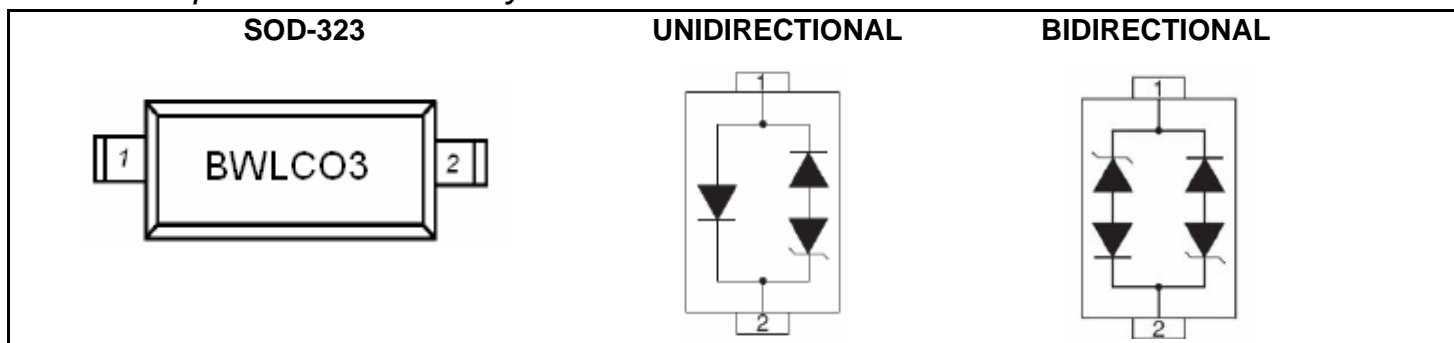


BWLC03 thru BWLC24C

Ultralow Capacitance TVS Array



Absolute Maximum Ratings @ 25°C Unless Otherwise Specified

Parameter	Symbol	Value	Units
Peak Pulse Power ($t_p = 8/20\mu s$) - See Fig1.	P_{PP}	350	W
Storage Temperature Range	T_{STG}	-55 to 150	°C
Operating Junction Temperature Range	T_J	-55 to 150	°C

Electrical Characteristics Per line @ 25°C Unless Otherwise Specified

Part Number (See Note 1&Note 2)	Device Marking	Rated Stand-Off Voltage V_{WM} Volts	Minimum Breakdown Voltage @1 μA $V_{(BR)}$ Volts	Minimum Clamping Voltage (See Fig.2) @ $I_p=1A$ V_c Volts	Minimum Clamping Voltage (See Fig.2) @8/20 μs $V_c@I_{pp}$	Minimum Leakage Current @ V_{WM} I_D μA	Typical Capacitance @0V,1MHz C pF
BWLC03	3	3.3	4.0	7.0	19.0V@20.0A	5	3
BWLC03C	3C	3.3	4.0	7.0	19.0V@20.1A	5	3
BWLC05	5	5.0	6.0	9.8	18.3V@17.0A	5	3
BWLC05C	5C	5.0	6.0	9.8	18.3V@17.0A	5	3
BWLC08	8	8.0	8.5	13.4	18.5V@17.0A	2	3
BWLC08C	8C	8.0	8.5	13.4	18.5V@17.0A	1	3
BWLC012	2	12.0	13.3	19.0	28.6V@11.0A	1	3
BWLC012C	2C	12.0	13.3	19.0	28.6V@11.1A	1	3
BWLC015	6	15.0	16.7	24.0	31.8V@10.0A	1	3
BWLC015C	6C	15.0	16.7	24.0	31.8V@10.0A	1	3
BWLC018	1	18.0	20.0	29.0	45.0V@8.0A	1	3
BWLC018C	1C	18.0	20.0	29.0	45.0V@8.0A	1	3
BWLC024	4	24.0	26.7	43.0	56.0V@6.0A	1	3
BWLC024C	4C	24.0	26.7	43.0	56.0V@6.0A	1	3

Note 1: Part number with an additional “C” suffix are bidirectional devices, i.e., BWLC05C.

Note 2: For bidirectional Devices Only: Electrical characteristics apply in both directions.