ELECTRICAL CHARACTERISTICS (T_{amb} = 25 °C, unless otherwise specified)							
PARAMETER	**TEST CONDITION**	**PART**	**SYMBOL**	**MIN.**	**TYP.**	**MAX.**	**UNIT**
Forward voltage	I_F = 100 mA		V_F			1	V
	I_F = 200 mA		V_F			1.25	V
Leakage current	V_R = 100 V	BAV19W-V	I_R			100	nA
	V_R = 100 V, T_j = 100 °C	BAV19W-V	I_R			15	µA
	V_R = 150 V	BAV20W-V	I_R			100	nA
	V_R = 150 V, T_j = 100 °C	BAV20W-V	I_R			15	µA
	V_R = 200 V	BAV21W-V	I_R			100	nA
	V_R = 200 V, T_j = 100 °C	BAV21W-V	I_R			15	µA
Dynamic forward resistance	I_F = 10 mA		r_f		5		Ω
Diode capacitace	V_R = 0, f = 1 MHz		C_D		1.5		pF
Reverse recovery time	I_F = 30 mA, I_R = 30 mA, i_R = 3 mA, R_L = 100 Ω		t_{rr}			50	ns

TYPICAL CHARACTERISTICS (T_{amb} = 25 °C, unless otherwise specified)

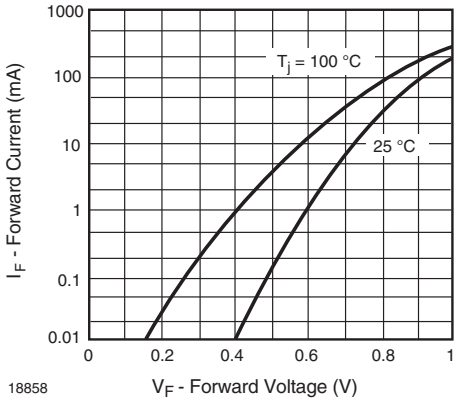


Fig. 1 - Forward Current vs. Forward Voltage

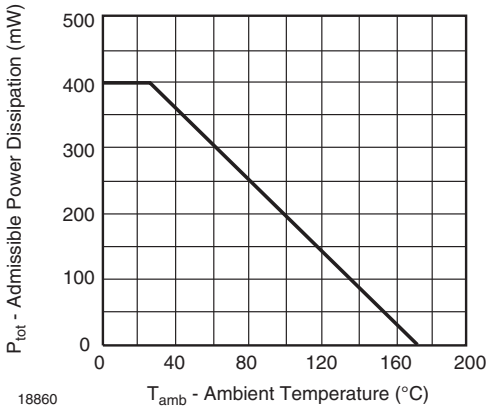


Fig. 3 - Admissible Power Dissipation vs. Ambient Temperature

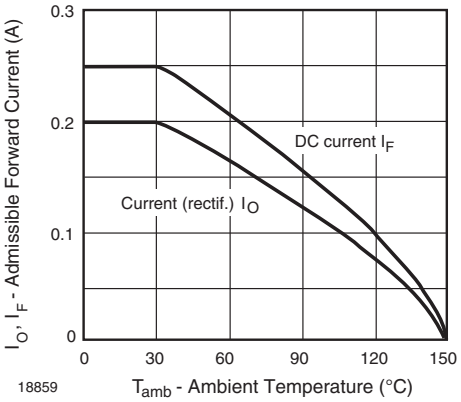


Fig. 2 - Admissible Forward Current vs. Ambient Temperature

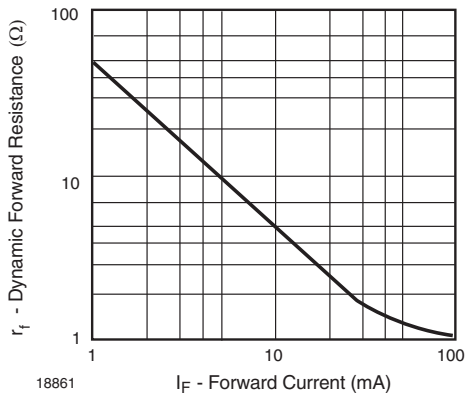


Fig. 4 - Dynamic Forward Resistance vs. Forward Current

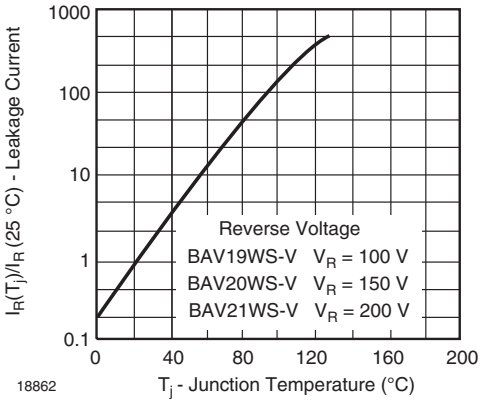


Fig. 5 - Leakage Current vs. Junction Temperature

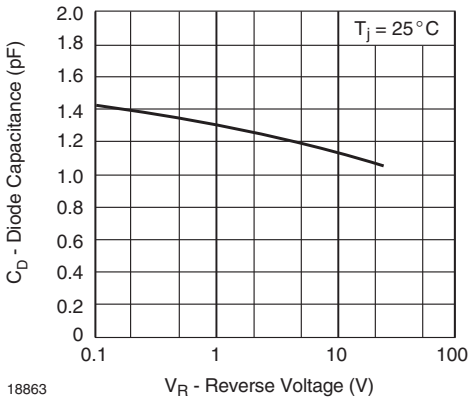


Fig. 6 - Capacitance vs. Reverse Voltage

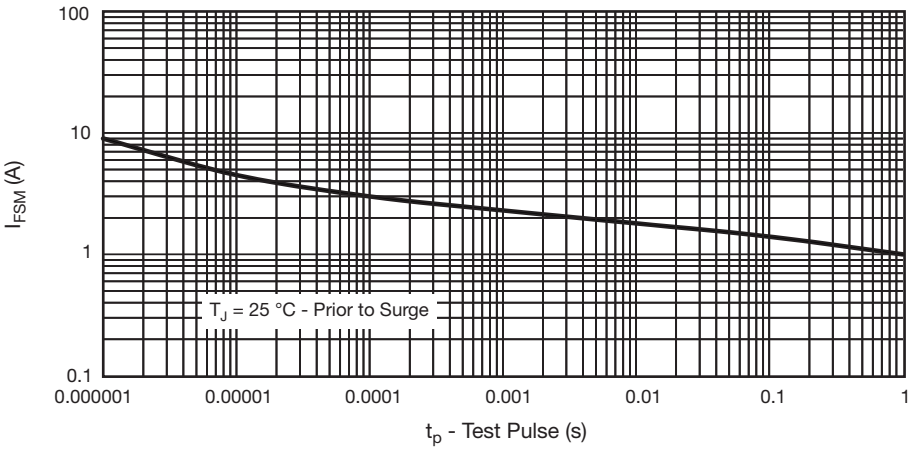
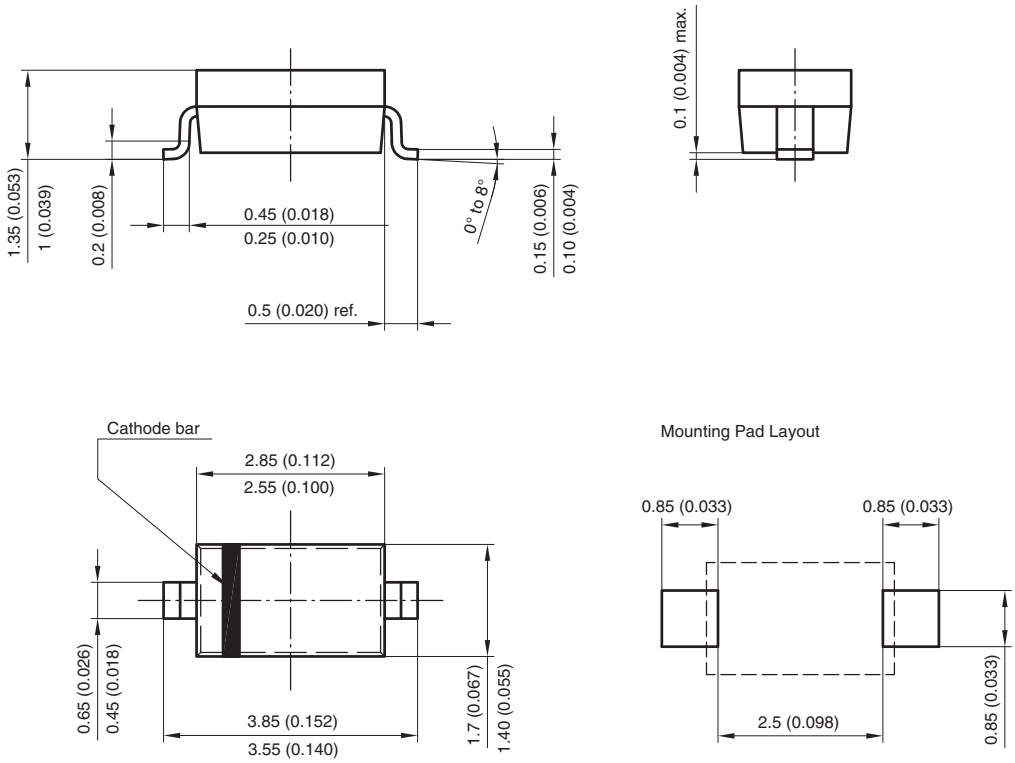


Fig. 7 - Non-Repetitive Peak Forward Current vs. Pulse Duration
Maximum Admissible Values of Square Pulse

PACKAGE DIMENSIONS in millimeters (inches): **SOD-123**



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