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
Reverse current	E ≤ 300 lx, rated V_R		I_R		1	3	nA
	E ≤ 300 lx, rated V_R, Tj = 125 °C		I_R			0.5	µA
	E ≤ 300 lx, V_R = 15 V	BAQ33	I_R		0.5	1	nA
	E ≤ 300 lx, V_R = 30 V	BAQ34	I_R		0.5	1	nA
	E ≤ 300 lx, V_R = 60 V	BAQ35	I_R		0.5	1	nA
Breakdown voltage	I_R = 5 µA, t_p/T = 0.01, t_p = 0.3 ms	BAQ33	$V_{(BR)}$	40			V
	I_R = 5 µA, t_p/T = 0.01, t_p = 0.3 ms	BAQ34	$V_{(BR)}$	70			V
		BAQ35	$V_{(BR)}$	140			V
Diode capacitance	V_R = 0 V, f = 1 MHz		C_D			3	pF

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

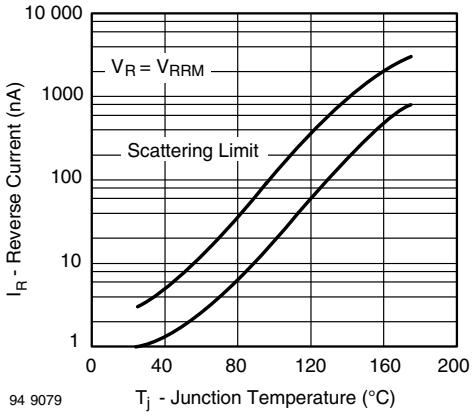


Fig. 1 - Reverse Current vs. Junction Temperature

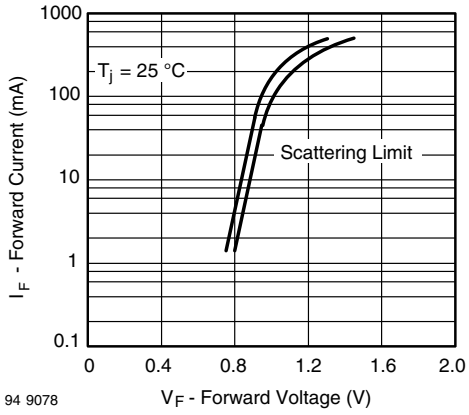
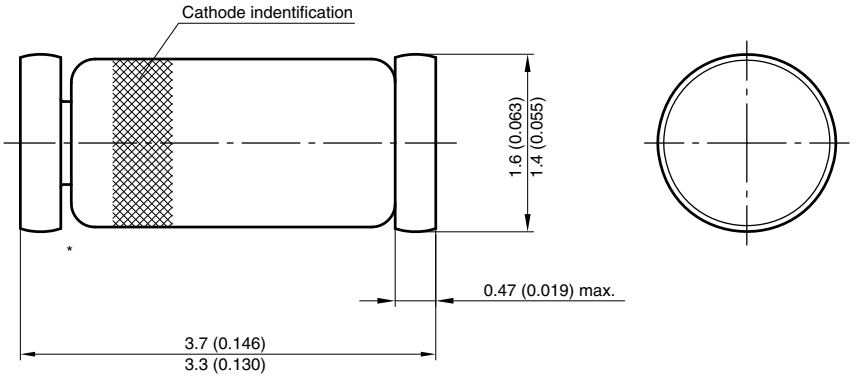


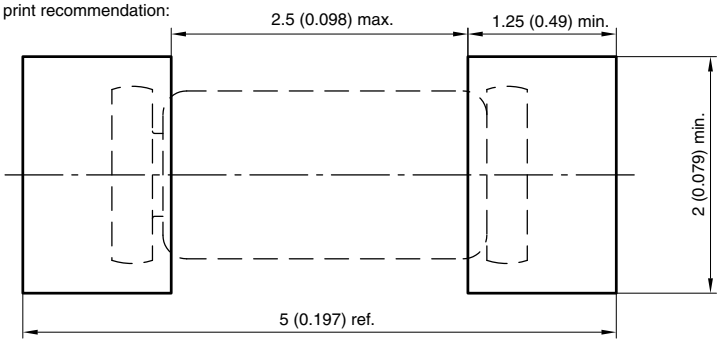
Fig. 2 - Forward Current vs. Forward Voltage

PACKAGE DIMENSIONS in millimeters (inches): **MiniMELF (SOD-80)**



* The gap between plug and glass can be either on cathode or anode side

Foot print recommendation:



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