

Electrical Characteristics

T_{amb} = 25 °C, unless otherwise specified

Parameter	Test condition	Symbol	Min.	Typ.	Max.	Unit
Reverse breakdown voltage	tested with 100 µA pulses	V _(BR)	30			V
Leakage current ¹⁾	V _R = 25 V	I _R			2	µA
Forward voltage ¹⁾	I _F = 0.1 mA	V _F			240	mV
	I _F = 1 mA	V _F			320	mV
	I _F = 10 mA	V _F			400	mV
	I _F = 30 mA	V _F			500	mV
	I _F = 100 mA	V _F			800	mV
Diode capacitance	V _R = 1 V, f = 1 MHz	C _D			10	pF
Reverse recovery time	I _F = I _R = 10 mA; I _R = 1 mA; R _L = 100 Ω	t _{rr}			5	ns

Note

¹⁾ Pulse test: t_p < 300 µs, θ < 2 %

Typical Characteristics

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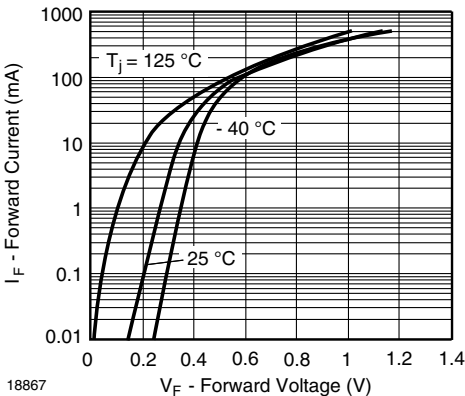


Figure 1. Typical Forward Current vs. Forward Voltage vs. Various Temperatures

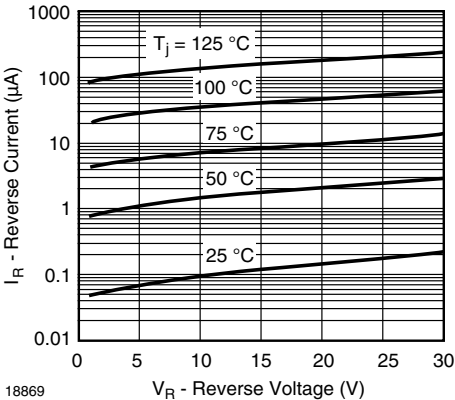


Figure 3. Typical Reverse Current vs. Reverse Voltage vs. Various Temperatures

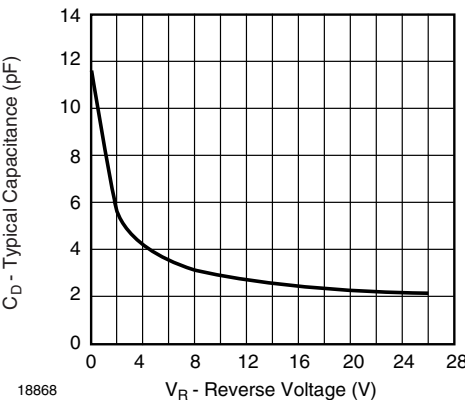
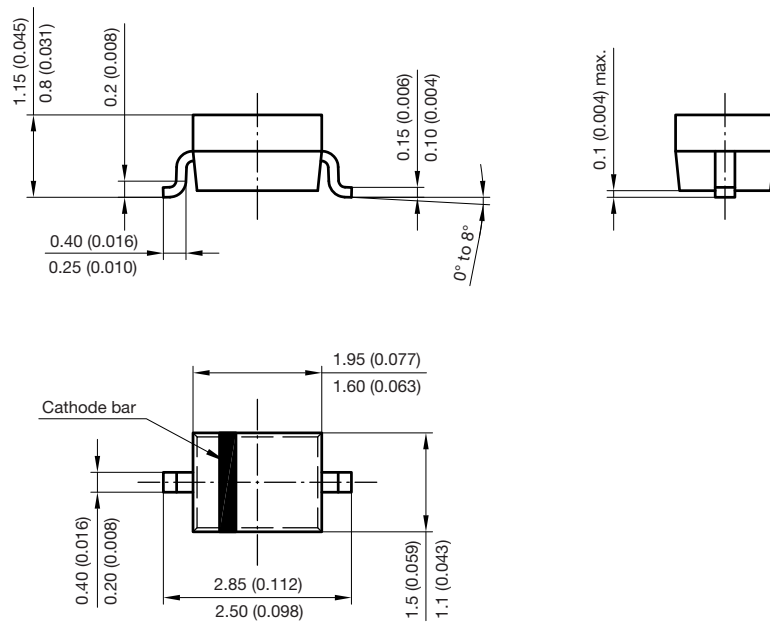
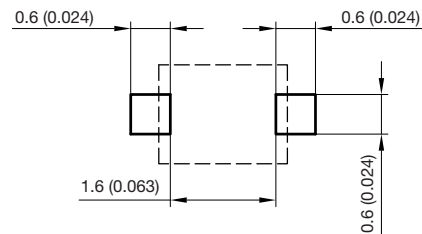


Figure 2. Typical Capacitance vs. Reverse Applied Voltage

Package Dimensions in millimeters (inches): SOD-323



Foot print recommendation:



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17443



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