

Electrical Characteristics

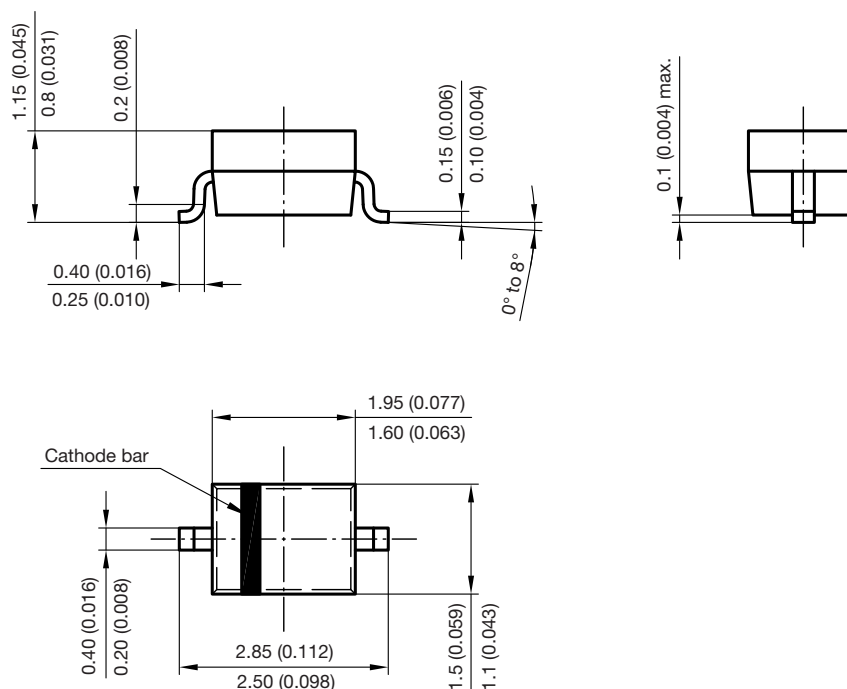
$T_{amb} = 25\text{ }^{\circ}\text{C}$, unless otherwise specified

Parameter	Test condition	Symbol	Min	Typ.	Max	Unit
Reverse breakdown voltage	$I_R = 10\text{ }\mu\text{A}$ (pulsed)	$V_{(BR)}$	70			V
Leakage current	$V_R = 50\text{ V}$	I_R			0.1	μA
	$V_R = 70\text{ V}$	I_R			10	μA
Forward voltage	$I_F = 1\text{ mA}$	V_F		375	410	mV
	$I_F = 10\text{ mA}$	V_F		705	750	mV
Forward voltage ¹⁾	$I_F = 15\text{ mA}$	V_F		880	1000	mV
Diode capacitance	$V_R = 0\text{ V}$, $f = 1\text{ MHz}$	C_D		1.5	2	pF
Differential forward resistance	$I_E = 5\text{ mA}$, $f = 10\text{ kHz}$	R_F		34		Ω

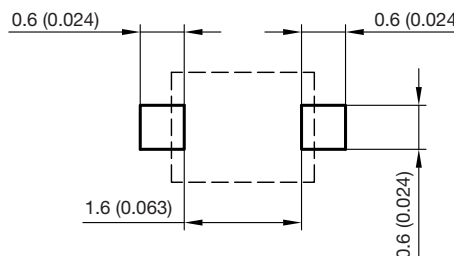
Note:

¹⁾ Pulse test; $t_p \leq 300\text{ }\mu\text{s}$

Package Dimensions in millimeters (inches): SOD-323



Foot print recommendation:



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