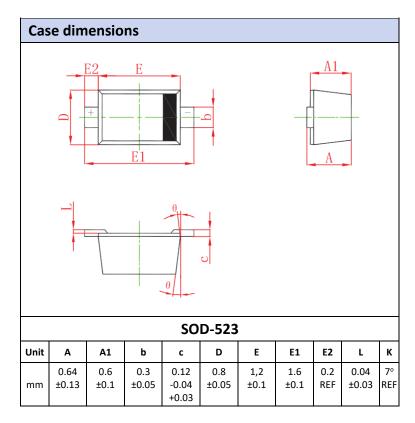


General Purpose PIN Diodes

Primary characteristics						
Parameter	Symbol	Value	Unit			
Continuous Reverse Voltage	V _R	150	V			
Continuous Forward Current	I _F	100	mA			
Power Dissipation	P _D	150	mW			

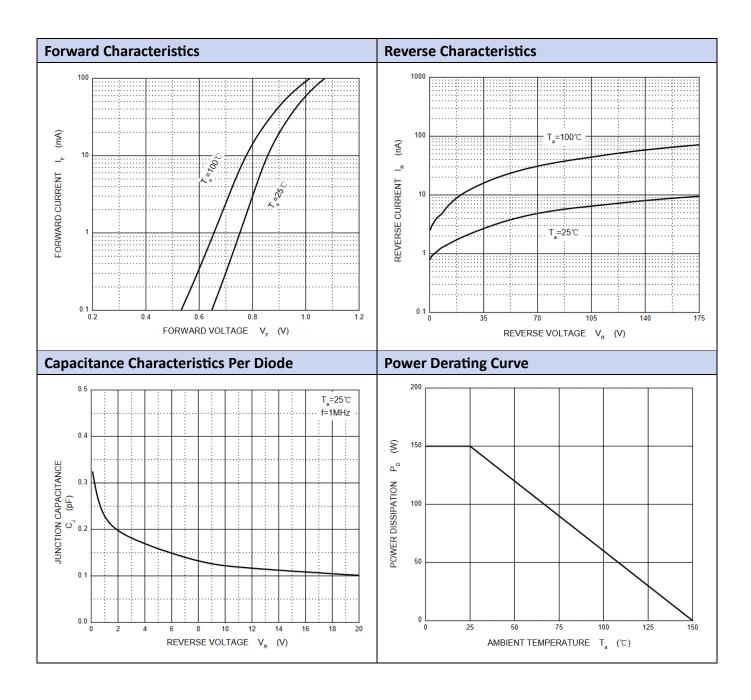
Features

- **SOD-523** case for easy automatic insertion.
- Pb-free and **RoHS** compliant
- Low diode capacitance
- Low diode forward resistance

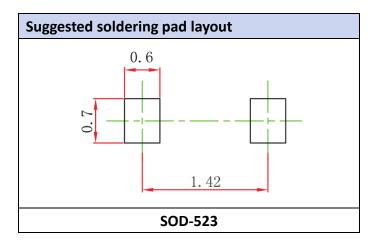


Characteristics			Value			
	Test condition	Symbol	Min.	Тур.	Max.	Unit
Continuous reverse voltage	I _R =10μA	V _R		150	V	
Forward voltage	I _F =50mA	V _F		-	1.1	V
Reverse current	V _R =150V	I _R -		-	10	μΑ
Continuous forward current	-	l _F -		-	100	mA
Power dissipation	-	P _D -		-	150	mW
Thermal resistance from junction to soldering point	-	ReJS	-	-	85	°C/W
Junction temperature	-	Tj		-	150	°C
Storage temperature	-	T _{STG}	-55	-	150	°C
Diode capacitance	V _R =0V, f=1MHz	C _{d1}	-	0.4 1)	-	pF
	V _R =1V, f=1MHz	C _{d2}	-	-	0.55	pF
	V _R =5V, f=1MHz	C _{d3}	-	-	0.35	pF
Diode forward resistance	I _F =0.5mA, f=100MHz ¹⁾	r _D	-	-	9.0	Ω
	I _F =1mA, f=100MHz ¹⁾	r _D	-	-	6.5	Ω
	I _F =10mA, f=100MHz ¹⁾	r _D	-	-	2.5	Ω









Ordering information							
Part Number	Package	Shipping Quantity	Dimensions				
BAR64-02V	SOD-523	3000 pcs / reel					

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