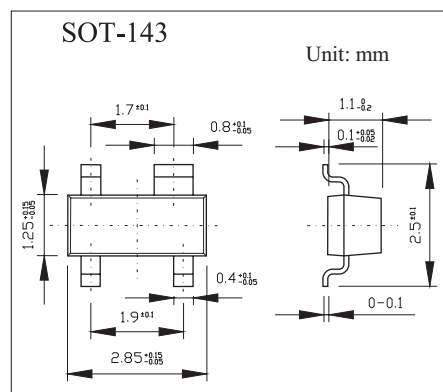


# BBY62

## Features

- Excellent linearity
- Small plastic SMD package
- C28:1.9 pF; ratio: 8.3.



## Absolute Maximum Ratings Ta = 25°C

Parameter	Symbol	Test Condition	Min	Max	Unit
continuous reverse voltage	V <sub>R</sub>			200	V
continuous forward current	I <sub>F</sub>	single diode loaded		225	mA
storage temperature	T <sub>stg</sub>		-65	+150	°C
operating junction temperature	T <sub>j</sub>			150	°C

## Electrical Characteristics Ta = 25°C

Parameter	Symbol	Test Condition	Min	Typ	Max	Unit
reverse current	I <sub>R</sub>	V <sub>R</sub> = 28 V			10	nA
		V <sub>R</sub> = 28 V; T <sub>j</sub> = 85°C			200	nA
diode series resistance		f = 470 MHz; note 1			1.2	Ω
diode capacitance	C <sub>d</sub>	V <sub>R</sub> = 1 V; f = 1 MHz		16.5		pF
		V <sub>R</sub> = 28 V; f = 1 MHz	1.6		2	pF
capacitance ratio	$\frac{C_d(1V)}{C_d(28V)}$	f = 1 MHz		8.3		

Note

1. V<sub>R</sub> is the value at which C<sub>d</sub> = 9 pF.

## Marking

Marking	S4
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