

SVC203C

Electrical Characteristics at Ta=25°C

Parameter	Symbol	Conditions	Ratings			Unit
			min	typ	max	
Breakdown Voltage	V _(BR) R	I _R =10μA	16			V
Reverse Current	I _R	V _R =10V			50	nA
Interterminal Capacitance*	C1.0V	V _R =1.0V, f=1MHz	58.80		65.98	pF
	C6.0V	V _R =6.0V, f=1MHz	18.72		25.11	pF
	C9.0V	V _R =9.0V, f=1MHz	10.84		13.40	pF
Quality Factor	Q	V _R =3.0V, f=100MHz	60			
Capacitance Ratio	C _R	C1.0V / C9.0V	4.6			
Matching Tolerance	ΔC _m	V _R =1.0V			6.5	%
		V _R =6.0V			5.5	%
		V _R =9.0V			11.8	%

* Capacitance value of one diode

Product parametric performance is indicated in the Electrical Characteristics for the listed test conditions, unless otherwise noted. Product performance may not be indicated by the Electrical Characteristics if operated under different conditions.

Address and Capacitance Value (Reference Value)

C1.0V		C6.0V		C9.0V	
Address	Capacitance (pF)	Address	Capacitance (pF)	Address	Capacitance (pF)
11	59.10	61	18.91	91	10.89
	62.92		19.95		12.17
12	61.97	62	19.76	92	11.93
	65.65		20.85		13.33
		63	20.64		
			21.79		
		64	21.57		
			22.77		
		65	22.55		
			23.80		
		66	23.56		
			24.87		

ORDERING INFORMATION

Device	Package	Shipping	memo
SVC203C-TB-E	CP	3,000pcs./reel	Pb-Free

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