

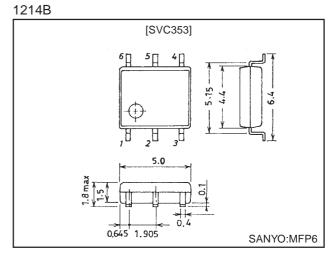
Diffused Junction Type Sillicon Diode Composite Varactor Diode for AM Receiver Low-Voltage Electronic Tuning Use

Features

- Excellent matching characteristics because of composite type.
- The number of manufacturing processes can be reduced and automatic mounting is possible because of composite type.
- High capacitance ratio and high quality factor.
- Possible to offer the SVC353 devices in a tape reel packaging.
- · Surface mount type.

Package Dimensions

unit:mm



SVC353

Specifications

Absolute Maximum Ratings at Ta = 25°C

Parameter	Symbol	Conditions	Ratings	Unit
Reverse Voltage	VR		16	V
Junction Temperature	Tj		125	°C
Storage Temperature	Tstg		-55 to +125	°C

Electrical Characteristics at Ta = 25°C

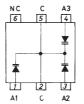
- Unit
V
0 nA
)* pF
pF
0 pF
5
5 %
100 0.0 27.0 24.9

Note)*1:1MHz signal:20mVrms

Note)*2: Δ_{Cm} = (C_{Dn}-C_{D3}) / C_{D3}×100 Note)*:The SVC353 is classified by C_{1V} as follows:

Rank	C _{1V} (pF)
R	460.0 to 491.0
S	482.0 to 515.0
Т	505.0 to 540.0

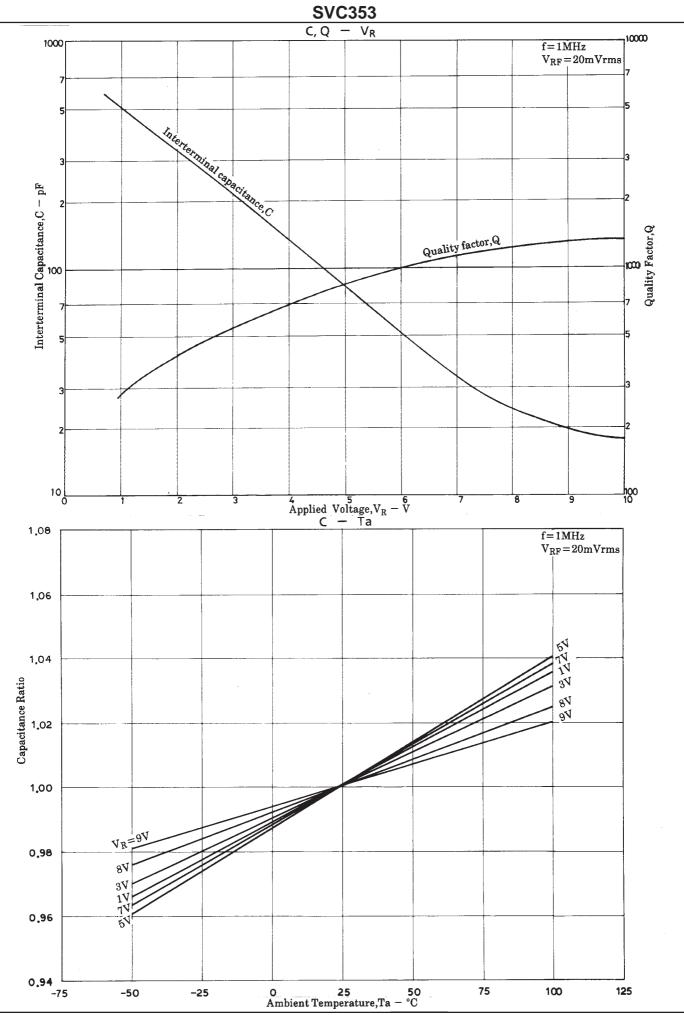
Electrical Connection



A:Anode C:Cathode

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