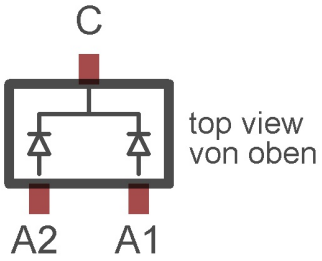
Datasheet

BA579C

Dual PIN Silicon Diode

the BA579C is a current controlled resistor for variable attentuator applications in the UHF / VHF range as well as for band switching applications featuring very low reverse capacitance.



Marking Code: D74

Absolute Ratings (Limiting Values)	
Continous Reverse Voltage V_R / V	30
Forward Current I_F / mA	20
Junction Temperature T_J / °C	100
Storage Temperature T_{STG} / °C	-55 to +100
Static Electrical Characteristics	
Reverse Current I_R / µA (V_R=10V)	1
Forward Voltage V_F / V (I_F=20mA)	1
Dynamic Electrical Characteristics	
Capacitance C / pF (V_R=1V, f=100MHz)	0.35
Capacitance C / pF (V_R=0V, f=900MHz)	0.3
Serial Inductance L_S / nH	2
Serial Resistance R_S / Ω (I_F=10mA, f=100MHz)	typ 4.5 (max 6.5)
Serial Resistance R_S / kΩ (I_F=10µA, f=100MHz)	1.5

ratings and characteristics are given for one diode

Package	TO-236 (1.2x2.9mm)

Version 1.0 - 05/2022	www.web-bcs.com	Source: Thomson CSF1982