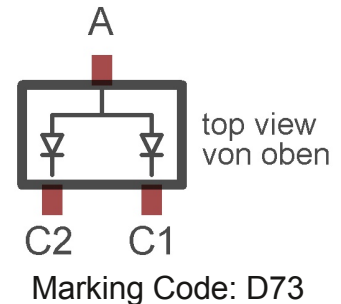


Datasheet

BA579A

Dual PIN Silicon Diode

the BA579A is a current controlled resistor for variable attenuator applications in the UHF / VHF range as well as for band switching applications featuring very low reverse capacitance.



Absolute Ratings (Limiting Values)	
Continuous 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 / μ A ($V_R=10V$)	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 / k Ω ($I_F=10\mu A$, $f=100MHz$)	1.5

ratings and characteristics are given for one diode

Package	TO-236 (1.2x2.9mm)
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