



DPA05

Diffused Junction Type Silicon Diode

PIN Diode for FM/AM Electronic Tuning AGC Drive Use

Use

- AGC output drive of FM/AM electronic tuning IC.

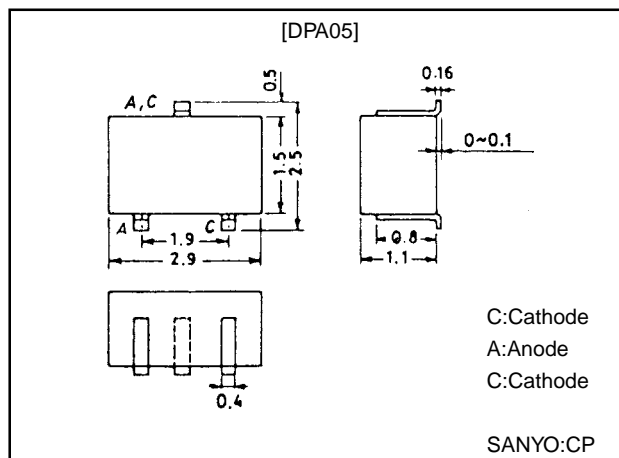
Features

- Especially suited for use in hybrid ICs. Contains two chips connected in series.
- Small interterminal capacitance.
- Reverse Voltage : 50V.
- Forward Current : 50mA.

Package Dimensions

unit:mm

1147



Specifications

Absolute Maximum Ratings at $T_a = 25^\circ\text{C}$

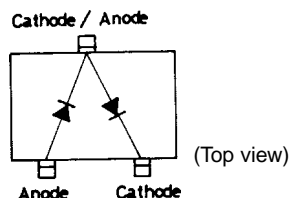
Parameter	Symbol	Conditions	Ratings	Unit
Reverse Voltage	V_R		50	V
Forward Current	I_F	$T_a = 25^\circ\text{C}$	50	mA
Junction Temperature	T_j		125	$^\circ\text{C}$
Storage Temperature	T_{stg}		-55 to +125	$^\circ\text{C}$

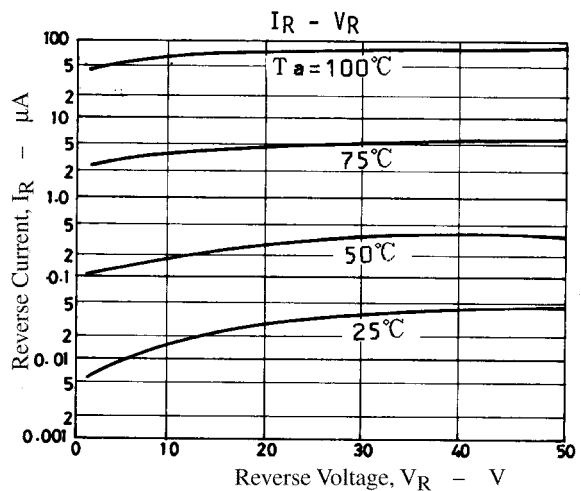
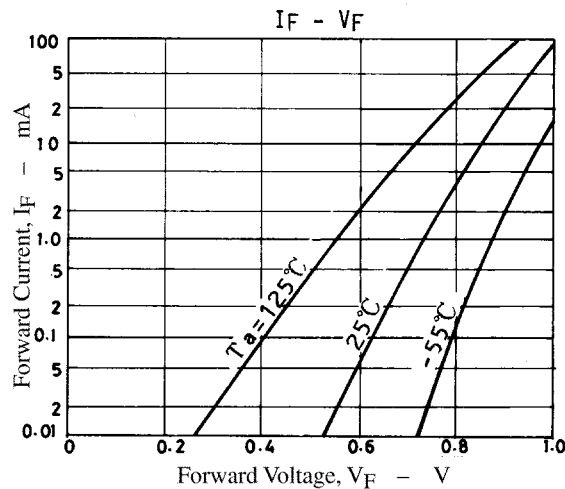
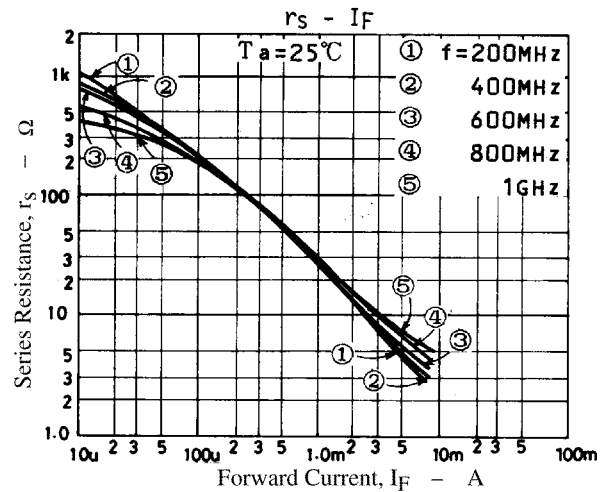
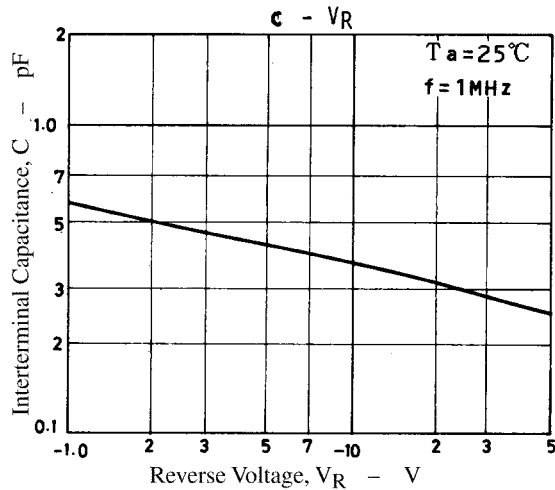
Electrical Characteristics at $T_a = 25^\circ\text{C}$

Parameter	Symbol	Conditions	Ratings			Unit
			min	typ	max	
Forward Voltage	V_F	$I_F = 50\text{mA}$		0.95		V
Reverse Current	I_R	$V_R = 50\text{V}$			0.1	μA
Interterminal Capacitance	C	$V_R = 50\text{V}$		0.25		pF
Series Resistance	r_s	$I_F = 10\text{mA}$, $f = 100\text{MHz}$		7		Ω

Marking : W9

Electrical Connection





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