



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.

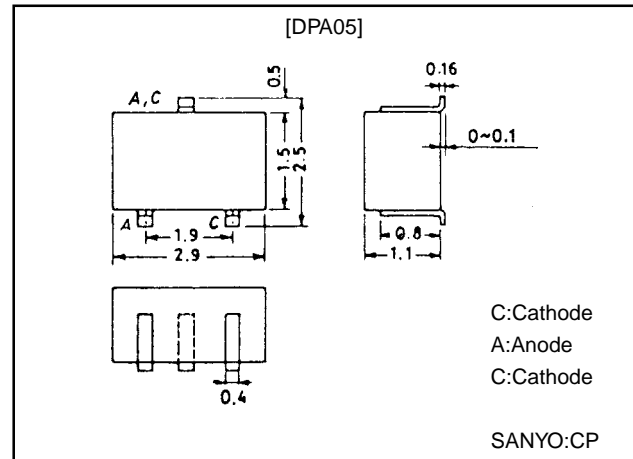
Features

- 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 Ta = 25°C

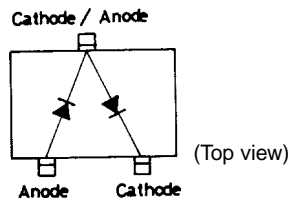
Parameter	Symbol	Conditions	Ratings	Unit
Reverse Voltage	V_R		50	V
Forward Current	I_F	Ta=25°C	50	mA
Junction Temperature	T_j		125	°C
Storage Temperature	T_{stg}		-55 to +125	°C

Electrical Characteristics at Ta = 25°C

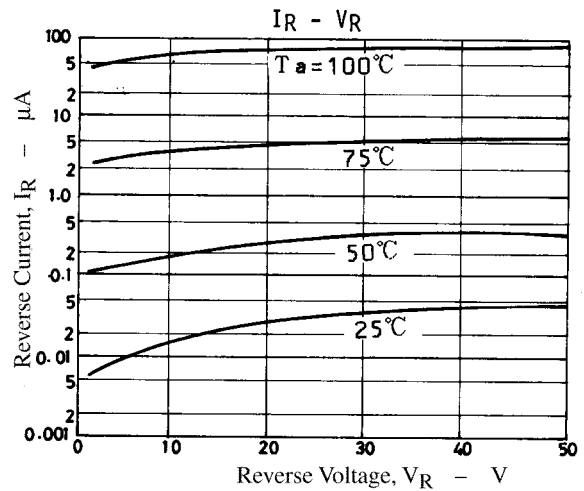
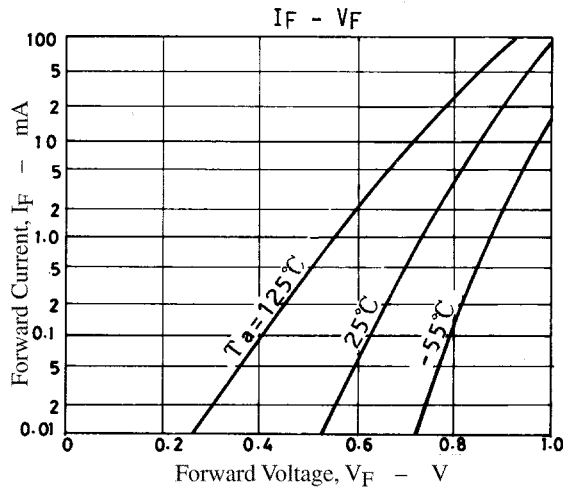
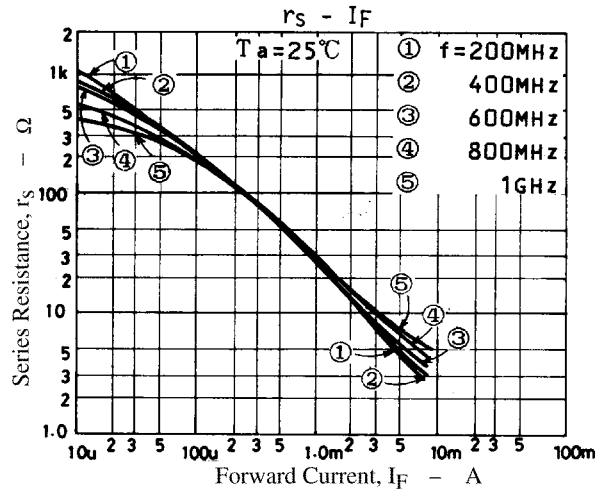
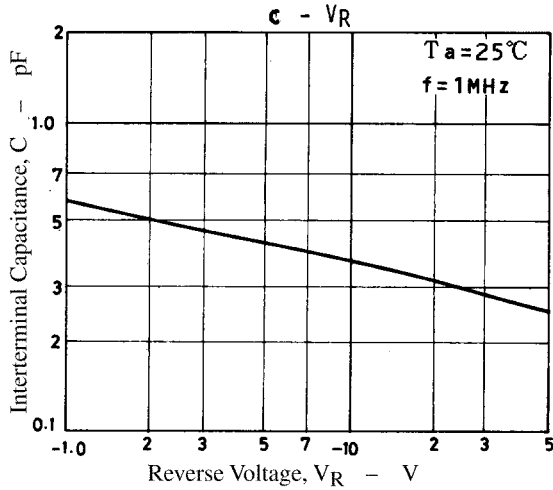
Parameter	Symbol	Conditions	Ratings			Unit
			min	typ	max	
Forward Voltage	V_F	$I_F=50\text{mA}$		0.95		V
Reverse Current	I_R	$V_R=50\text{V}$			0.1	μA
Interterminal Capacitance	C	$V_R=50\text{V}$		0.25		pF
Series Resistance	r_s	$I_F=10\text{mA}$, $f=100\text{MHz}$		7		Ω

Marking : W9

Electrical Connection



DPA05



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