



# 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.

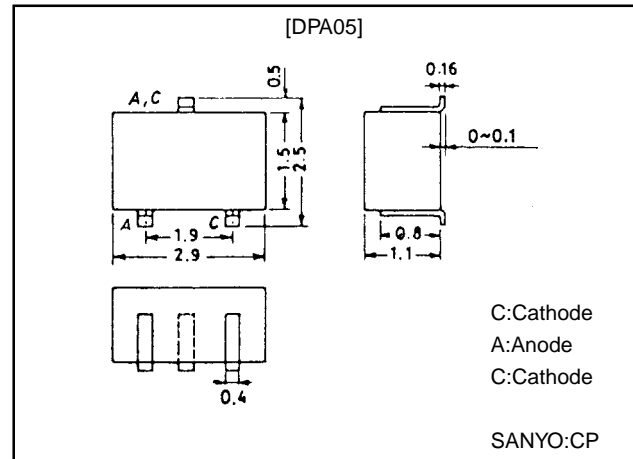
### Features

- 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	$\mu\text{A}$
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		$\Omega$

Marking : W9

### Electrical Connection

