

# DAN213 DAP213

## Diode array, high-speed switching, leaded

In these single packages, there are two diodes as shown in the circuit diagrams.

### Features

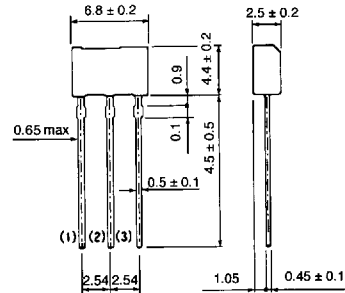
- available in ATV TV2 package
- suitable for automatic mounting on printed circuit board
- all diodes in the package have similar characteristics

### Applications

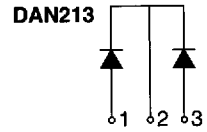
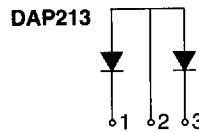
- high voltage rectifying

### Dimensions (Units : mm)

DAN213, DAP213 (ATV TV2)



### Equivalent circuit



### Absolute maximum ratings ( $T_a = 25^\circ\text{C}$ )

Part no.	Peak reverse voltage $V_{RM}$ (V)	DC reverse voltage $V_R$ (V)	Peak forward current $I_{FM}$ (A)	Mean rectifying current $I_O$ (A)	Surge current (60 Hz, 1 cycle) $I_{surge}$ (A)	Power dissipation (Total) $P_d$ (W)	Junction temp. $T_j$ ( $^\circ\text{C}$ )	Storage temp. $T_{stg}$ ( $^\circ\text{C}$ )
DAN213	150	100	2	1	10	1	150	-55 ~ +150
DAP213	150	100	2	1	10	1	150	-55 ~ +150

### Electrical characteristics (unless otherwise noted, $T_a = 25^\circ\text{C}$ )

Part no.	Forward voltage		Reverse current		Capacitance between terminals		
	$V_F$ (V) Max	$I_F$ (mA)	$I_B$ ( $\mu\text{A}$ ) Max	$V_R$ (V)	$C_T$ (pF) Max	$V_R$ (V)	f (MHz)
DAN213	1.2	1	10	100	20	10	1
DAP213	1.2	1	10	100	20	10	1

Electrical characteristic curves

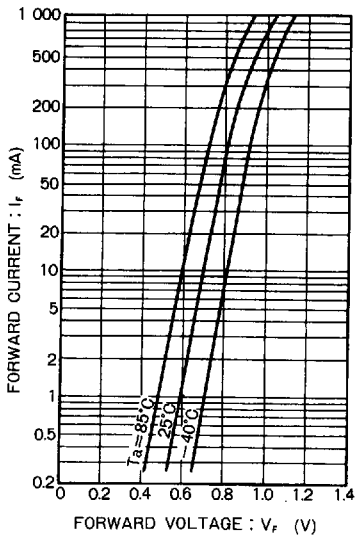


Figure 1 DAN213

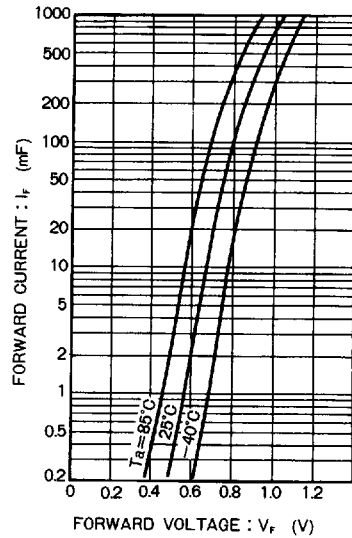


Figure 2 DAP213

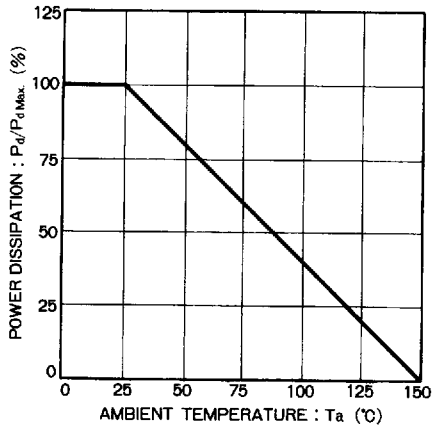


Figure 3