

DAN209S
DAP209S

DAN215
DAP215

Diode, array, high-speed switching, leaded

In these single packages, there are two diodes as shown in the circuit diagrams. They are available in different small envelopes.

Features

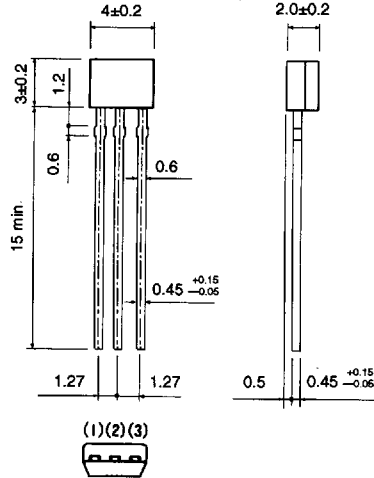
- available in SPT and FTL packages
- suitable for automatic mounting on printed circuit board
- all diodes in the package have similar characteristics

Applications

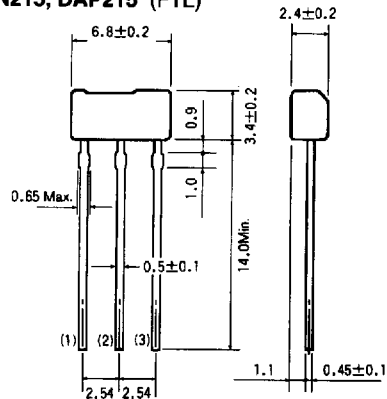
- high-speed switching

Dimensions (Units : mm)

DAN209S, DAP209S (SPT)

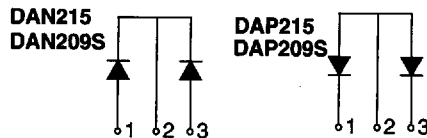


DAN215, DAP215 (FTL)



FTL and TL3/4 exterior dimensions

Equivalent circuits



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_F (mA)	Mean rectifying current I_O (mA)	Surge current (1 μs) I_{surge} (A)	Power dissipation (Total) P_d (mW)	Junction temp. T_j ($^\circ\text{C}$)	Storage temp. T_{stg} ($^\circ\text{C}$)
DAN209S	80	80	300	100	4	200	150	-55 ~ +150
DAP209S	80	80	300	100	4	200	150	-55 ~ +150
DAN215	80	80	300	100	4	200	150	-55 ~ +150
DAP215	80	80	300	100	4	200	150	-55 ~ +150

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

Part no.	Forward voltage		Reverse current		Capacitance between terminals			Reverse recovery time			
	V_F (V) Max	I_F (mA)	I_R (μA) Max	V_R (V)	C_T (pF) max.	V_R (V)	f (MHz)	t_{rr} (ns) Max	V_R (V)	I_F (mA)	Ref
DAN209S	1.2	100	0.1	70	3.5	6	1	4	4	6	Figure 8
DAP209S	1.2	100	0.1	70	3.5	6	1	4	4	6	Figure 8
DAN215	1.2	100	0.1	70	3.5	6	1	4	4	6	Figure 8
DAP215	1.2	100	0.1	70	3.5	6	1	4	4	6	Figure 8

Electrical characteristic curves

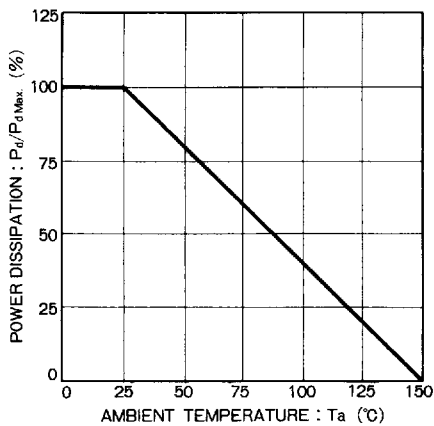


Figure 1

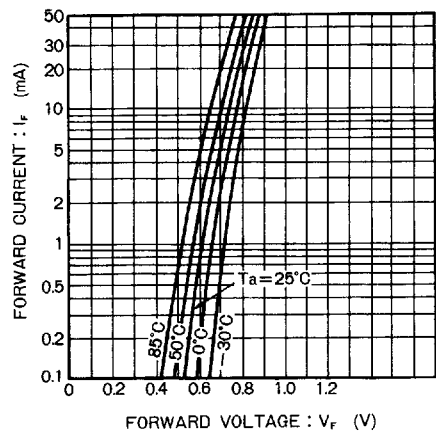


Figure 2

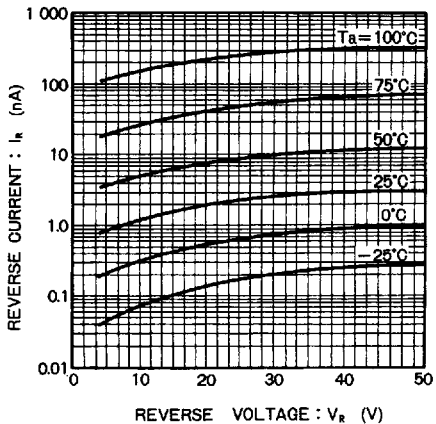


Figure 3

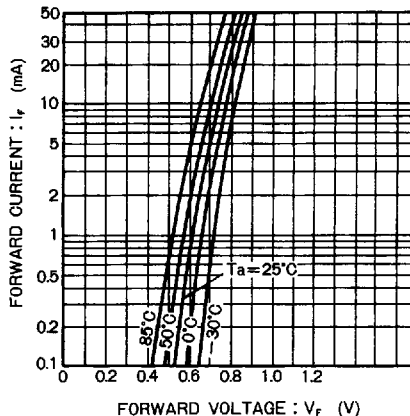


Figure 4

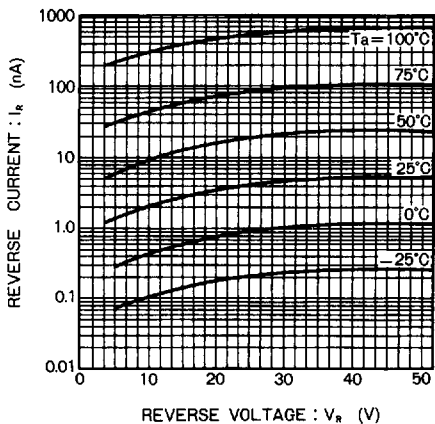


Figure 5

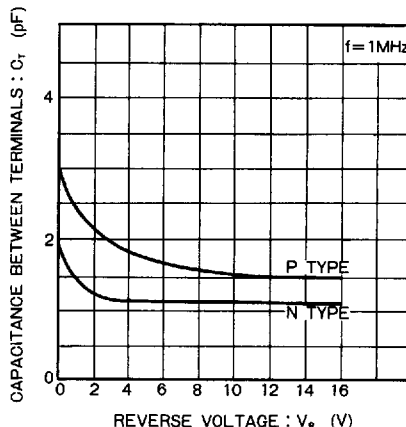


Figure 6

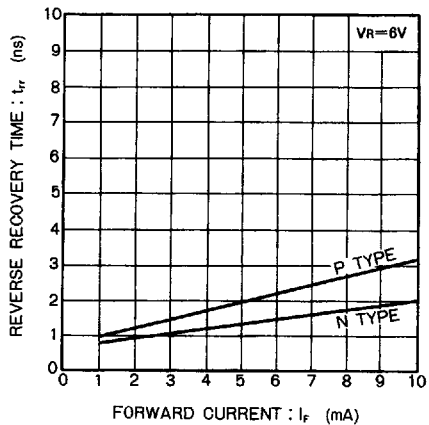


Figure 7

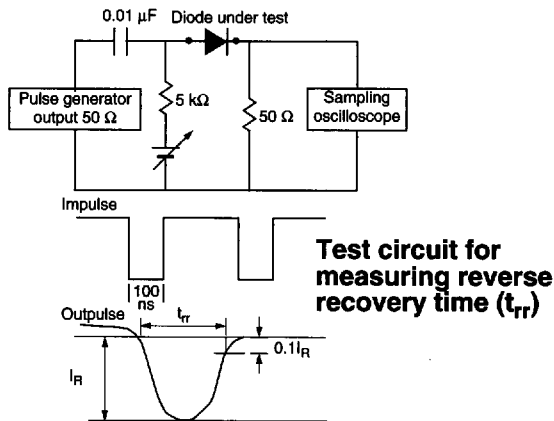


Figure 8