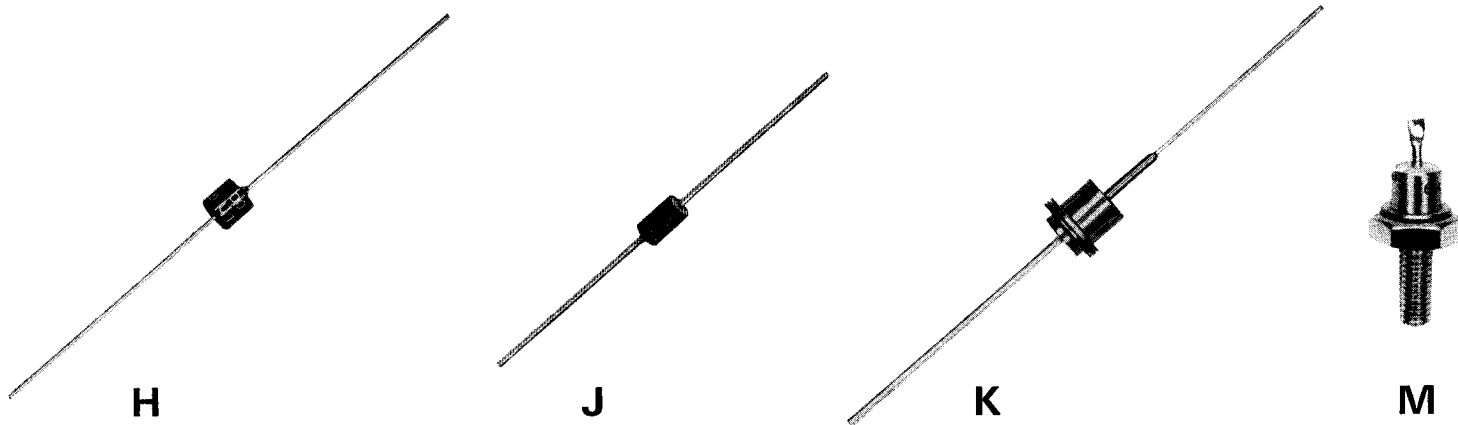


Rectifier diodes



Rectifier diodes — general purpose types

Photographs actual size

Type	V_{RRM} V_{RWM} max. V	V_{RSM} max. (10 ms) V	V_R max. V	$I_{F(AV)}$ max. A	@ T_{tag} °C	I_{FRM} max. A	I_{FSM} max. (10ms) @ $T_j = 25^\circ\text{C}$ A	T_{amb} & T_{stg} °C	I_R max. @ V_R max. & $T_j = 25^\circ\text{C}$ μA	V_F @ max. V	I_F & T_j A °C	Out- line
DD000	50	50	50	0.5	80(1)	25	40	—40 to +100				
DD001	100	100	100	0.5	70(1)	25	40	—40 to +100				
DD003	200	200	200	0.5	70(1)	25	40	—40 to +100				
DD006	400	400	400	0.5	70(1)	25	40	—40 to +100	1	1	1	25
DD056	400	800	400	0.5	55(1)	15	25	—20 to +100				
DD058	800	1350	400	0.5	55(1)	15	25	—20 to +100				
*DD1000	50	50	50	1	130(1)	25	40	—40 to +175				
*DD1001	100	100	100	1	130(1)	25	40	—40 to +175	1	1	1	25
*DD1003	200	200	200	1	130(1)	25	40	—40 to +175				
*DD1006	400	400	400	1	130(1)	25	40	—40 to +175				
					@ T_{amb}							
DD2020	50	50	50	1.5	25	6	45	—55 to +150	1	1	1	25
DD2026	400	400	400									
DD2066	400	800	400	1	35	6	45	—55 to +100	1	1	1	25
DD2068	800	1350	400									
					@ T_{stud}							
DD4020	50	50	50									
DD4026	400	400	400									
DD4066	400	800	400	6	100	25	70	—55 to +100	5(2)	1	6	25
DD4067	600	1200	400									
DD4068	800	1350	400									
DD4520	50	50	50									
DD4521	100	100	100									
DD4523	200	200	200	10	145	50	150	—55 to +150	10	1	10	25
DD4526	400	400	400									
					@ T_{case}							
DD5620	50	50	50									
DD5621	100	100	100									
DD5623	200	200	200	18	140	100	200	—55 to +175	10	1.2	50	25
DD5626	400	400	400									
DD6120	50	50	50									
DD6121	100	100	100									
DD6123	200	200	200	25	145	150	400	—55 to +175	10	1.30(3)	75(4)	25
DD6126	400	400	400									

*New Devices

Stud mounted rectifiers are available with either a cathode or anode stud, the latter being signified by a suffix 'A' to the type number.

Press-fit rectifiers are available with a slotted top terminal, a horizontal lead or a vertical lead. These are denoted by adding a suffix 'S', 'H', or 'V' respectively to the type number.

(1) Distance from centre of rectifier body along leads to solder tag is 0.4 in (10 mm). (2) $T_j = 20^\circ\text{C}$. (3) V_{FM} max. (4) I_{FM} ($I_{F(AV)} = I_{F(AV)}$ max.).