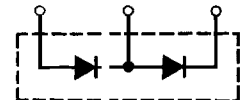
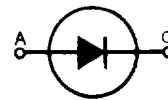


# Rectifier Diodes



$I_{FAV} = 2 - 160 \text{ A}$ , Standard Diodes (DS..), Avalanche Diodes (DSA..)

Type	$V_{RRM}$	$I_{FAV}$ $T_A=45^\circ\text{C}$	$P_{RSM}$	$I_{FRSM}$	$I_{FSM}$ $45^\circ\text{C}$	$V_{TO}$ 10 ms	$r_T$	$T_{VJM}$	$R_{thJA}$	$R_{thJC}$	Fig. No.	Package style
* Delivery time on request	V	A	kW	A	A	V	m $\Omega$	$^\circ\text{C}$	K/W	K/W		See outlines on page 34
<b>New</b>												
DS 1-12 D	1200	2.3	-	7	110	0.8	67	150	80		12	Fig. 12 Weight = 0.8 g
DSA 1-12 D	1200	2.3	1.6	7	110	0.8	67	150	80			
DSA 1-16 D	1600											
DSA 1-18 D *	1800											
DS 2-08 A	800	3.6	-	7	120	0.85	43	180	30		13	Fig. 13 Weight = 1.5 g
DS 2-12 A	1200											
DSA 2-12 A	1200	3.6	2.5	7	120	0.85	43	180	30			
DSA 2-16 A	1600											
DSA 2-18 A *	1800											
DSP 8-08 A	800	2x11	-	2x17	100	0.8	40	180	3.5	4.1	2	
DSP 25-12 A	1200	2x28	-	2x43	300	0.8	15	180	1.5	1.9	4	Fig. 2 TO-220F B Weight = 4 g
DSP 25-16 A	1600											
Type	$V_{RRM}$	$I_{FAV}$ $T_C=100^\circ\text{C}$	$P_{RSM}$	$I_{FRSM}$	$I_{FSM}$ $45^\circ\text{C}$ 10 ms	$V_{TO}$	$r_T$	$T_{VJM}$	$R_{thJC}$	$R_{thCK}$		
V	A	kW	A	A	V	m $\Omega$	$^\circ\text{C}$	K/W	K/W			
DS 9-08 F	800	11	-	18	250	0.85	15	180	2	1	14	Fig. 4 TO-247 LD Weight = 6 g
DS 9-12 F	1200											
DSA 9-12 F	1200	11	4.5	18	250	0.85	15	180	2	1		
DSA 9-16 F	1600											
DSA 9-18 F *	1800											
DS 17-08 A	800	25	-	40	370	0.85	8	180	1.5	0.6	15	Fig. 14, Weight = 5 g, M 5
DS 17-12 A	1200											
DSA 17-12 A	1200	25	7	40	370	0.85	8	180	1.5	0.6		Fig. 15, Weight = 6 g, 1 I-32UNF2A
DSA 17-16 A	1600											DO-203AA (DC -4)
DSA 17-18 A *	1800											
DSI 17-08 A	800	25	-	40	370	0.85	8	180	1.5	0.6		
DSI 17-12 A	1200											
DSAI17-12 A	1200	25	7	40	370	0.85	8	180	1.5	0.6		
DSAI17-16 A	1600											
DSAI17-18 A *	1800											
DS 35-08 A	800	52	-	80	650	0.85	4.5	180	1.05	0.2	16	Fig. 16, Weight = 15 g
DS 35-12 A	1200											Fig. 17, Weight = 21 g
DSA 35-12 A	1200	52	11	80	650	0.85	4.5	180	1.05	0.2		DO-203AB (DC -5)
DSA 35-16 A	1600											
DSA 35-18 A *	1800											
DSI 35-08 A	800	52	-	80	650	0.85	4.5	180	1.05	0.2		
DSI 35-12 A	1200											
DSAI35-12 A	1200	52	11	80	650	0.85	4.5	180	1.05	0.2		
DSAI35-16 A	1600											
DSAI35-18 A *	1800											
DS 75-08 A	800	100	-	160	1400	0.85	2.5	180	0.5	0.3	17	1/4"-28UNI 2A
DS 75-12 A	1200											
DSA 75-12 A	1200	100	20	160	1400	0.85	2.5	180	0.5	0.3		
DSA 75-16 A	1600											
DSA 75-18 A *	1800											
DSI 75-08 A	800	100	-	160	1400	0.85	2.5	180	0.5	0.3		
DSI 75-12 A	1200											
DSAI75-12 A	1200	100	20	160	1400	0.85	2.5	180	0.5	0.3		Fig. 18 Weight = 130 g
DSAI75-16 A	1600											DO-205AC (DC -30)
DSAI75-18 A *	1800											
DS 110-08 F	800	160	-	250	3150	0.85	1.1	180	0.35	0.1	18	
DS 110-12 F	1200											
DSA 110-12 F	1200	160	35	250	3150	0.85	1.1	180	0.35	0.1		
DSA 110-16 F	1600											
DSA 110-18 F *	1800											
DSI 110-08 F	800	160	-	250	3150	0.85	1.1	180	0.35	0.1		
DSI 110-12 F	1200											
DSAI110-12 F	1200	160	35	250	3150	0.85	1.1	180	0.35	0.1		
DSAI110-16 F	1600											
DSAI110-18 F *	1800											