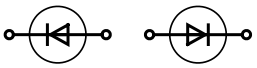
Rectifier Diodes



DSI/DSAI.. DS/DSA..

I_{FAV} = 11 - 110 A, Standard Diodes (DS..), Avalanche Diodes (DSA..)

Type ➢ New	V_{RRM} V	I_{FAV} T_C = 100°C A	P_{RSM} kW	I_{FRMS} A	I_{FSM} 10 ms 45°C A	V_{T0} V	r_T mΩ	T_{VJM} °C	R_{thJC} K/W	R_{thCH} K/W	Symbol	Fig. No.	Package style Outline drawings on pages O-30...O-52
DS 9-08F	800	11	-	18	250	0.85	15.0	180	2.00	1.00		X204	
DS 9-12F	1200												X204 **DO-203AA (DO-4)** M5 Weight = 5 g
DSA 9-12F	1200	11	4.5	18	250	0.85	15.0	180	2.00	1.00			
DSA 9-16F	1600												
DSA 9-18F	1800												
DS 17-08A	800	25	-	40	370	0.85	8.0	180	1.50	0.60		X205	
DS 17-12A	1200	T_C = 125°C	7	40	370	0.85	8.0	180	1.50	0.60			
DSA 17-12A	1200												
DSA 17-16A	1600	25 T_C = 125°C											X205 **DO-203AA (DO-4)** 10-32 UNF Weight = 6 g
DSA 17-18A	1800												
DSI 17-08A	800	25	-	40	370	0.85	8.0	180	1.50	0.60		X205	
DSI 17-12A	1200	T_C = 125°C											
DSAI 17-12A	1200	25	7	40	370	0.85	8.0	180	1.50	0.60			
DSAI 17-16A	1600												
DSAI 17-18A	1800												
DS 35-08A	800	49	-	80	650	0.85	4.5	180	1.05	0.20		X206a	
DS 35-12A	1200												X206a **DO-203AB (DO-5)** Weight = 15 g
DSA 35-12A	1200	49	11	80	650	0.85	4.5	180	1.05	0.20			
DSA 35-16A	1600												
DSA 35-18A	1800												
DSI 35-08A	800	49	-	80	650	0.85	4.5	180	1.05	0.20		X206a	
DSI 35-12A	1200												
DSAI 35-12A	1200	49	11	80	650	0.85	4.5	180	1.05	0.20			
DSAI 35-16A	1600												
DSAI 35-18A	1800												
DS 75-08B	800	110	-	160	1400	0.75	2.0	180	0.50	0.40		X207	
DS 75-12B	1200												X207 **DO-203AB (DO-5)** Weight = 21 g
DSA 75-12B	1200	110	20	160	1400	0.75	2.0	180	0.50	0.40			
DSA 75-16B	1600												
DSA 75-18B	1800												
DSI 75-08B	800	110	-	160	1400	0.75	2.0	180	0.50	0.40			
DSI 75-12B	1200												
DSAI 75-12B	1200	110	20	160	1400	0.75	2.0	180	0.50	0.40			
DSAI 75-16B	1600												
DSAI 75-18B	1800												

Data according to IEC 60747 and refer to a single diode or thyristor unless otherwise stated.