

Schottky Diodes

Type	V_{RRM}	I_{FSM}	T_C @ R_{thJA}		I_{RMS} 10 ms	I_K max.		V_F @ I_F				T_{JVM}	Chips Wtr.	Equivalent device data sheet
	V	A	°C	K/W	45°C A	25°C mA	125°C mA	T_J 25°C		T_J 125°C		°C	180 mm Ø	
DWS 2	100	10	155	2	120	0.15	2.5	0.77	10	0.62	10	175	1177	DSS 10-01A
DWS 12		16	149	2	230	0.25	5		20		20		618	DSS 16-01A
DWS 22		40	100	1.5	450	0.5	10		40		40		324	DSS 2x41-01A
DWS 32		60	95	1	700	1	20		60		60		214	DSS 2x61-01A
DWS 4	35 / 45	10	157	2.5	140	0.15	2.5	0.65	10	0.55	10	175	1177	DSS 10-0045A
DWS 14		16	159	2	280	0.25	5		20		20		618	DSS 16-0045A
DWS 24		25	148	1.5	550	0.5	10		40		40		324	DSS 25-0045A
DWS 34		60	120	1	800	1	20		60		60		214	DSS 60-0045A

Further types under development

Dimensions in mm

Type	thickness. mm	A mm	B mm	C mm	D mm
DWS 2	0.381	2.40	2.40	2.08	2.08
DWS 12		3.25	3.25	2.93	2.93
DWS 22		4.45	4.45	4.13	4.13
DWS 32		5.40	5.40	5.08	5.08
DWS 4	0.381	2.40	2.40	2.08	2.08
DWS 14		3.25	3.25	2.93	2.93
DWS 24		4.45	4.45	4.13	4.13
DWS 34		5.40	5.40	5.08	5.08
Tolerance		-0.1	-0.1	-0.03	-0.03

Dimensions in inch

Type	thickness. inch	A inch	B inch	C inch	D inch
DWS 2	0.015	0.094	0.094	0.082	0.082
DWS 12		0.128	0.128	0.115	0.115
DWS 22		0.175	0.175	0.163	0.163
DWS 32		0.213	0.213	0.200	0.200
DWS 4	0.015	0.094	0.094	0.082	0.082
DWS 14		0.128	0.128	0.115	0.115
DWS 24		0.175	0.175	0.163	0.163
DWS 34		0.213	0.213	0.200	0.200
Tolerance		-0.04	-0.04	0.001	0.001

