

Schottky Diode Chips

Type	V_{BRM}	I_{FAVM}	T_c	$R_{th(j-c)}$	I_{max}	I_r		$V_f @ I_f$				T_{VM}	Chips Wtr. 100 mm ϕ	Equivalent device data sheet		
	V	A	°C	K/W	10 ms 46°C A	25°C mA	125°C mA	T_j 25°C		T_j 125°C		°C				
DWS 19	15	20	135	1.4	350	10	200	0.41	20	0.27	20	150	618	DSSK 40-0015B		
DWS 29		35	130	1.1	660	20	350	0.39	40	0.27	40	150	324	DSSK 70-0015B		
DWS 17	25	25	125	1.4	330	10	80	0.43	20	0.33	20	150	618	DSSK 50-0025B		
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		
DWS 3	45	10	135	1.7	160	5	50	0.48	10	0.42	10	150	1177	DSS 10-0045B		
DWS 13		15	135	1.4	320	10	100		20		0.42		20	150	618	DSSK 30-0045B
DWS 23		30	120	1.1	640	20	200		40		0.4		40	150	324	DSSK 60-0045B
DWS 33		40	125	0.8	900	30	250		60		0.43		60	150	214	DSSK 80-0045B
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 11	130	10	165	1.4	200	0.25	5	0.8	20	0.66	20	175	618	DSSK 20-013A		
DWS 31		30	155	0.8	600	1	20		60		0.66		60	175	214	DSSK 60-013A

Further types under development

Dimensions in mm

Type	thickness. mm	A mm	B mm	C mm	D mm
DWS 2/3	0.381	2.40	2.40	2.08	2.08
DWS 11/12/13/17/19		3.25	3.25	2.93	2.93
DWS 22/23/29		4.45	4.45	4.13	4.13
DWS 31/32/33		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 2/3	0.015	0.094	0.094	0.082	0.082
DWS 11/12/13/17/19		0.128	0.128	0.115	0.115
DWS 22/23/29		0.175	0.175	0.163	0.163
DWS 31/32/33		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

