



Fig.	Peak Reverse Voltage VRWM (V)	Max. Rev. Current IR (μA)	Max. Forward Voltage VF (V)	Max. Forward Current IF (mA)	Max. Rev. Recovery Time Trr (nS)	Power Dissipation Pd (mW)	Pinning			Digi-Key Part No.	Cut Tape Pricing			Digi-Key Part No.	Tape and Reel			
							1	2	3		1	10	100		Qty.	Pricing		
SOT-23																		
1	75	2.5	75	1.0	50	4.0	350	A	—	K	BAL99DICT-ND	.40	2.82	16.91	—	—		
	75	2.5	75	1.0	50	4.0	350	A	—	K	BAL99-FDICT-ND◆	.35	2.28	9.91	BAL99-FDITR-ND◆	3,000	26.77/M	
	75	1.0	75	0.855	10	4.0	350	K	A	—	BAS16-FDICT-ND◆	.25	1.64	7.10	BAS16-FDITR-ND◆	3,000	19.19/M	
	100	0.1	100	1.0	100	50	250	K	A	—	BAS19-FDICT-ND◆	.40	2.66	11.57	BAS19-FDITR-ND◆	3,000	31.23/M	
	150	0.1	150	1.0	100	50	250	K	A	—	BAS20-FDICT-ND◆	.38	2.47	10.74	BAS20-FDITR-ND◆	3,000	29.00/M	
	200	0.1	200	1.0	100	50	250	K	A	—	BAS21-FDICT-ND◆	.35	2.28	9.91	BAS21-FDITR-ND◆	3,000	26.77/M	
	85	0.005	75	1.0	10	3.0§	250	K	A	—	BAS116-FDICT-ND◆	.31	2.11	9.91	BAS116-FDITR-ND◆	3,000	29.12/M	
	200	0.1	250	1.0	100	50	350	A	K	K	BAV23A-FDICT-ND◆	.56	3.79	17.84	BAV23A-FDITR-ND◆	3,000	52.42/M	
	200	0.1	250	1.0	100	50	350	K/K	A	A	BAV23C-FDICT-ND◆	.56	3.79	17.84	BAV23C-FDITR-ND◆	3,000	52.42/M	
	200	0.1	200	1.0	100	50	350	—	A	K	BAV23S-FDICT-ND◆	.56	3.79	17.84	BAV23S-FDITR-ND◆	3,000	52.42/M	
	75	2.5	75	0.855	10	4.0	350	K	A	A	BAV70-FDICT-ND◆	.29	1.90	8.26	BAV70-FDITR-ND◆	3,000	22.31/M	
	75	2.5	70	0.855	10	6.0	350	K/A	A	K	BAV99-FDICT-ND◆	.29	1.90	8.26	BAV99-FDITR-ND◆	3,000	22.31/M	
	85	0.005	75	1.0	10	3.0§	250	K/K	A	A	BAV170-FDICT-ND◆	.41	2.81	13.22	BAV170-FDITR-ND◆	3,000	38.83/M	
	85	0.005	75	1.0	10	3.0§	250	K/A	A	K	BAV199-FDICT-ND◆	.41	2.81	13.22	BAV199-FDITR-ND◆	3,000	38.83/M	
	75	2.5	75	0.855	10	4.0	350	A	K	K	BAW56-FDICT-ND◆	.32	2.09	9.09	BAW56-FDITR-ND◆	3,000	24.54/M	
	85	0.005	75	1.1	50	3.0§	250	A	K	K	BAW156-7-FDICT-ND◆	.31	2.11	9.91	BAW156-7-FDITR-ND◆	3,000	28.92/M	
	75	1.0	75	1.0	50	4.0	350	K	A	—	MMBD914-FDICT-ND◆	.26	1.71	7.43	MMBD914-FDITR-ND◆	3,000	20.08/M	
	240	0.1	240	1.0	100	50	350	K/A	K	A	MMBD2004S-7-FDICT-ND◆	.41	2.97	17.84	MMBD2004S-7-FDITR-ND◆	3,000	59.48/M	
	300	0.1	240	1.25	200	50	350	A	K	K	MMBD3004A-7-FDICT-ND◆	.40	2.79	18.59	MMBD3004A-7-FDITR-ND◆	3,000	66.92/M	
	300	0.1	240	1.25	200	50	350	K	A	C	MMBD3004C-7-FDICT-ND◆	.40	2.79	18.59	MMBD3004C-7-FDITR-ND◆	3,000	66.92/M	
	300	0.1	240	1.0	100	50	350	K/A	A	K	MMBD3004S-FDICT-ND◆	.40	2.79	18.59	MMBD3004S-FDITR-ND◆	3,000	66.92/M	
	75	1.0	75	1.0	50	4.0	350	K	A	—	MMBD4148-FDICT-ND◆	.35	2.28	9.91	MMBD4148-FDITR-ND◆	3,000	26.77/M	
	75	2.5	75	1.0	100	4.0	350	K	A	—	MMBD4448-FDICT-ND◆	.38	2.47	10.74	MMBD4448-FDITR-ND◆	3,000	29.00/M	
	80	0.1	70	1.0	100	4.0	350	K	A	—	MMBD4448HDICT-ND	.30	2.11	12.68	—	—		
80	0.1	70	1.0	100	4.0	350	K	A	—	MMBD4448H-FDICT-ND◆	.31	2.11	9.91	MMBD4448H-FDITR-ND◆	3,000	29.12/M		
75	3.0	100	1.25	150	4.0	350	K/A	A	K	MMBD7000-FDICT-ND◆	.38	2.47	10.74	MMBD7000-FDITR-ND◆	3,000	29.00/M		
100	1.0	50	1.25	150	4.0	350	K/A	A	K	MMBD7000HC-7-FDICT-ND◆	.33	2.25	10.57	MMBD7000HC-7-FDITR-ND◆	3,000	31.40/M		
100	1.0	50	1.25	150	4.0	350	K/A	A	K	MMBD7000HS-7-FDICT-ND◆	.33	2.25	10.57	MMBD7000HS-7-FDITR-ND◆	3,000	31.40/M		
SOT-323																		
1	75	1.0	75	0.855	10	4.0	200	K	A	—	BAS16WDICT-ND	.36	2.54	15.22	—	—		
	75	1.0	75	0.855	10	4.0	200	K	A	—	BAS16W-FDICT-ND◆	.31	2.11	9.91	BAS16W-FDITR-ND◆	3,000	29.12/M	
	100	0.1	100	1.0	100	50	200	K	A	—	BAS19WDICT-ND	.40	2.86	19.06	—	—		
	100	0.1	100	1.0	100	50	200	K	A	—	BAS19W-FDICT-ND◆	.46	3.16	14.87	BAS19W-FDITR-ND◆	3,000	43.68/M	
	150	0.1	150	1.0	100	50	200	K	A	—	BAS20WDICT-ND	.40	2.86	19.06	—	—		
	150	0.1	150	1.0	100	50	200	K	A	—	BAS20W-FDICT-ND◆	.46	3.16	14.87	BAS20W-FDITR-ND◆	3,000	43.68/M	
	200	0.1	200	1.0	100	50	200	K	A	—	BAS21WDICT-ND	.40	2.86	19.06	—	—		
	200	0.1	200	1.0	100	50	200	K	A	—	BAS21W-FDICT-ND◆	.41	2.81	13.22	BAS21W-FDITR-ND◆	3,000	38.83/M	
	75	2.5	75	0.855	10	4.0	200	K	A	A	BAV70W-FDICT-ND◆	.31	2.11	9.91	BAV70W-FDITR-ND◆	3,000	29.12/M	
	75	2.5	75	0.855	10	4.0	200	K/A	A	K	BAV99W-FDICT-ND◆	.40	2.66	11.57	BAV99W-FDITR-ND◆	3,000	31.23/M	
	85	0.005	75	1.0	10	3.0§	200	A	K/A	K	BAV199WDICT-ND◆	.41	2.81	13.22	BAV199WDITR-ND◆	3,000	38.83/M	
	300	0.1	240	1.25	200	50	200	K	A	—	BAV3004WS-7DICT-ND◆	.44	3.10	20.65	BAV3004WS-7DITR-ND◆	3,000	74.35/M	
	75	2.5	75	0.855	10	4.0	200	A	K	K	BAW56W-FDICT-ND◆	.41	2.81	13.22	BAW56W-FDITR-ND◆	3,000	38.83/M	
	75	1.0	75	1.0	100	4.0	200	K	A	—	MMBD4148W-FDICT-ND◆	.41	2.81	13.22	MMBD4148W-FDITR-ND◆	3,000	38.83/M	
	80	0.1	70	1.0	100	4.0	200	K	A	—	MMBD4448HW-FDICT-ND◆	.44	3.10	18.60	—	—		
	80	0.1	70	1.0	100	4.0	200	K	A	—	MMBD4448HW-FDICT-ND◆	.31	2.11	9.91	MMBD4448HW-FDITR-ND◆	3,000	29.12/M	
	75	1.0	75	1.0	100	4.0	200	K	A	—	MMBD4448WDICT-ND	.44	3.10	18.60	—	—		
	75	1.0	75	1.0	100	4.0	200	K	A	—	MMBD4448W-FDICT-ND◆	.31	2.11	9.91	MMBD4448W-FDITR-ND◆	3,000	29.12/M	
	SOT-523																	
	1	85	2.0	75	1.0	50	4.0	150	K/A	A	A	BAV70T-FDICT-ND◆	.52	3.51	16.52	BAV70T-FDITR-ND◆	3,000	48.54/M
		85	2.0	75	1.0	50	4.0	150	A/K	A	K	BAV99T-FDICT-ND◆	.52	3.51	16.52	BAV99T-FDITR-ND◆	3,000	48.54/M
		85	0.005	75	1.0	10	3.0§	150	K	A	A	BAV170T-FDICT-ND◆	.35	2.48	14.87	BAV170T-FDITR-ND◆	3,000	49.57/M
		85	0.005	75	1.0	10	3.0§	150	A/K	A	K	BAV199T-FDICT-ND◆	.35	2.48	14.87	BAV199T-FDITR-ND◆	3,000	49.57/M
		85	2.0	75	1.0	50	4.0	150	A	K	K	BAW56T-FDICT-ND◆	.35	2.48	14.87	BAW56T-FDITR-ND◆	3,000	49.57/M
85		0.005	75	1.0	10	3.0§	150	A	K	K	BAW156T-FDICT-ND◆	.50	3.37	15.86	BAW156T-FDITR-ND◆	3,000	46.60/M	
80		0.1	70	1.0	100	4.0	150	A	K	K	MMBD4448HTADICT-ND◆	.35	2.47	14.80	—	—		
80		0.1	70	1.0	100	4.0	150	A	K	K	MMBD4448HTA-FDICT-ND◆	.52	3.51	16.52	MMBD4448HTA-FDITR-ND◆	3,000	48.54/M	
200		0.1	200	1.0	100	50	150	K	A	—	BAS21T-FDICT-ND◆	.41	2.97	17.84	BAS21T-FDITR-ND◆	3,000	59.48/M	
85		2	75	1.25	150	4.0	150	K	—	A	BAS16T-7-FDICT-ND◆	.46	3.30	19.83	BAS16T-7-FDITR-ND◆	3,000	66.09/M	
85		0.005	75	1.0	10	3.0§	150	K	A	—	BAS116T-FDICT-ND◆	.50	3.37	15.86	BAS116T-FDITR-ND◆	3,000	46.60/M	
80		0.1	70	1.25	150	4.0	150	K	A	A	MMBD4448HTC-7-FDICT-ND◆	.52	3.51	16.52	MMBD4448HTC-7-FDITR-ND◆	3,000	48.74/M	
80		0.1	70	1.0	100	4.0	150	K	A	—	MMBD4448HTDICT-ND	.35	2.47	14.80	—	—		
80		0.1	70	1.0	100	4.0	150	K	A	—	MMBD4448HT-FDICT-ND◆	.41	2.81	13.22	MMBD4448HT-FDITR-ND◆	3,000	38.83/M	
80		0.1	70	1.25	150	4.0	150	K/A	K	A	MMBD4448HTS-7-FDICT-ND◆	.52	3.51	16.52	MMBD4448HTS-7-FDITR-ND◆	3,000	48.74/M	
SOT-563 — RoHS Compliant																		
2	80	50	75	0.855	10	4.0	150	—	—	—	MMBD4448VDICT-ND	.40	2.82	16.91	—	—		
	75	50	75	0.855	10	4.0	150	—	—	—	BAS16VDICT-ND	.41	2.97	17.84	BAS16VDITR-ND	3,000	59.48/M	
SOT-363 — RoHS Compliant																		
3	150	15	—	1.25	200	50	200	—	—	—	BAS20DWDICT-ND	.40	2.79	18.59	BAS20DWDITR-ND	3,000	66.92/M	
	200	15	—	1.25	200	50	200	—	—	—	BAS21DWDICT-ND	.36	2.83	19.33	BAS21DWDITR-ND	3,000	81.79/M	
	75	2.5	75	1.0	50	4.0	200	—	—	—	MMBD4448DW-FDICT-ND†	.40	2.89	17.35	MMBD4448DW-FDITR-ND†	3,000	57.83/M	
DO-35 — RoHS Compliant																		
4	75	5.0	75	1.0	10	4.0	500	—	—	—	1N4148DICT-ND	.21	1.43	6.20	1N4148DITR-ND	10,000	12.40/M	
MiniMELF — RoHS Compliant																		
5	75																	