



Fig.	Max. Avg. Rect. Current (A)	Max. Peak Reverse Voltage (V)	Peak Forward Surge Current 8.3ms (A)	Max. Instant. Forward Voltage (V)	Typ. Reverse Recovery Time (µs)	Oper. Junction Temp. (°C)	Digi-Key Part No.	Cut Tape Pricing			Digi-Key Part No.	Tape & Reel Pricing	
								1	10	100		1,400	5,500
Silicon Rectifiers													
1	1.0	50	30	1.1	30	-50 - 175	1N4001GICT-ND	.40	3.20	—	1N4001G1TR-ND	—	16.00/M
		100	30	1.1	30	-50 - 175	1N4002GICT-ND	.40	3.20	—	1N4002G1TR-ND	—	16.00/M
		200	30	1.1	30	-50 - 175	1N4003GICT-ND	.40	3.20	—	1N4003G1TR-ND	—	16.00/M
		400	30	1.1	30	-50 - 175	1N4004GICT-ND	.40	3.20	—	1N4004G1TR-ND	—	16.00/M
		600	30	1.1	30	-50 - 175	1N4005GICT-ND	.40	3.20	—	1N4005G1TR-ND	—	16.00/M
		800	30	1.1	30	-50 - 175	1N4006GICT-ND	.40	3.20	—	1N4006G1TR-ND	—	16.00/M
2	3.0	50	200	1.2	—	-50 - 170	1N5400GICT-ND	.32	2.31	16.80	1N5400G1TR-ND	105.00/M	—
		100	200	1.2	—	-50 - 170	1N5401GICT-ND	.32	2.31	16.80	1N5401G1TR-ND	105.00/M	—
		200	200	1.2	—	-50 - 170	1N5402GICT-ND	.32	2.31	16.80	1N5402G1TR-ND	105.00/M	—
		400	200	1.2	—	-50 - 170	1N5404GICT-ND	.32	2.31	16.80	1N5404G1TR-ND	105.00/M	—
		600	200	1.2	—	-50 - 170	1N5406GICT-ND	.32	2.31	16.80	1N5406G1TR-ND	105.00/M	—
		800	200	1.2	—	-50 - 170	1N5407GICT-ND	.32	2.31	16.80	1N5407G1TR-ND	105.00/M	—
Schottky Barrier Rectifiers													
1	1.0	20	25	.45	—	-65 - 125	1N5817GICT-ND	.45	3.30	24.00	1N5817G1TR-ND	—	114.00/M
		30	25	.55	—	-65 - 125	1N5818GICT-ND	.45	3.30	24.00	1N5818G1TR-ND	—	114.00/M
		40	25	.60	—	-65 - 125	1N5819GICT-ND	.45	3.30	24.00	1N5819G1TR-ND	—	114.00/M
2	3.0	20	80	.475	—	-65 - 125	1N5820GICT-ND	.83	6.05	44.00	1N5820G1TR-ND	209.00/M	—
		30	80	.500	—	-65 - 125	1N5821GICT-ND	.83	6.05	44.00	1N5821G1TR-ND	209.00/M	—
		40	80	.525	—	-65 - 125	1N5822GICT-ND	.83	6.05	44.00	1N5822G1TR-ND	209.00/M	—
2	5.0	20	150	0.55	—	-65 - 125	SB520CT-ND	.39	3.30	27.50	SB520TR-ND	176.00/M	—
		30	150	0.55	—	-65 - 125	SB530CT-ND	.39	3.30	27.50	SB530TR-ND	176.00/M	—
		40	150	0.55	—	-65 - 125	SB540CT-ND	.39	3.30	27.50	SB540TR-ND	176.00/M	—
		50	150	0.67	—	-65 - 125	SB550CT-ND	.44	3.75	31.25	SB550TR-ND	200.00/M	—
		60	150	0.67	—	-65 - 125	SB560CT-ND	.44	3.75	31.25	SB560TR-ND	200.00/M	—

Fig.	Max. Avg. Rect. Current (A)	Max. Peak Reverse Voltage (V)	Peak Forward Surge Current 8.3ms (A)	Max. Instant. Forward Voltage (V)	Oper. Junction Temp. (°C)	Digi-Key Part No.	Pricing		
							1	10	100
Silicon and Glass Passivated Bridge Rectifiers									
3	1.5	50	50	1.0	-55 - 150	W005GGI-ND	.46	3.90	32.50
		100	50	1.0	-55 - 150	W01GGI-ND	.46	3.90	32.50
		200	50	1.0	-55 - 150	W02GGI-ND	.46	3.90	32.50
		400	50	1.0	-55 - 150	W04GGI-ND	.46	3.90	32.50
		600	50	1.0	-55 - 150	W06GGI-ND	.49	4.20	35.00
		800	50	1.0	-55 - 150	W08GGI-ND	.49	4.20	35.00
4	2.0	50	30	1.1	-55 - 165	2KBP005M-ND	.81	6.90	—
		100	30	1.1	-55 - 165	2KBP01M-ND	.81	6.90	—
		200	30	1.1	-55 - 165	2KBP02M-ND	.81	6.90	—
		400	30	1.1	-55 - 165	2KBP04M-ND	.81	6.90	—
		600	30	1.1	-55 - 165	2KBP06M-ND	.81	6.90	—
		800	30	1.1	-55 - 165	2KBP08M-ND	.81	6.90	—
5	4.0	50	200	1.1	-50 - 150	KBL005-ND	1.86	16.97	155.25
		100	200	1.1	-50 - 150	KBL01-ND	1.90	17.34	158.63
		200	200	1.1	-50 - 150	KBL02-ND	1.97	17.92	163.88
		400	200	1.1	-50 - 150	KBL04-ND	2.07	18.86	172.50
		600	200	1.1	-50 - 150	KBL06-ND	2.12	19.27	176.25
		800	200	1.1	-50 - 150	KBL08-ND	2.16	19.68	180.00
6	6.0	50	175	1.0	-55 - 150	GBPC6005-ND	2.17	18.60	155.00
		100	175	1.0	-55 - 150	GBPC601-ND	2.17	18.60	155.00
		200	175	1.0	-55 - 150	GBPC602-ND	2.17	18.60	155.00
		400	175	1.0	-55 - 150	GBPC604-ND	2.17	18.60	155.00
		600	175	1.0	-55 - 150	GBPC606-ND	2.31	19.80	165.00
		800	175	1.0	-55 - 150	GBPC608-ND	2.31	19.80	165.00
7	25	50	200	1.1	-55 - 150	GBPC12005-ND	3.50	30.00	250.00
		100	200	1.1	-55 - 150	GBPC1201-ND	3.50	30.00	250.00
		200	200	1.1	-55 - 150	GBPC1202-ND	3.50	30.00	250.00
		400	200	1.1	-55 - 150	GBPC1204-ND	3.50	30.00	250.00
		600	200	1.1	-55 - 150	GBPC1206-ND	3.50	30.00	250.00
		800	200	1.1	-55 - 150	GBPC1208-ND	3.50	30.00	250.00
8	35	50	300	1.1	-55 - 150	GBPC25005-ND	3.78	32.40	270.00
		100	300	1.1	-55 - 150	GBPC2501GI-ND	3.78	32.40	270.00
		200	300	1.1	-55 - 150	GBPC2502GI-ND	3.78	32.40	270.00
		400	300	1.1	-55 - 150	GBPC2504GI-ND	3.78	32.40	270.00
		600	300	1.1	-55 - 150	GBPC2506GI-ND	3.78	32.40	270.00
		800	300	1.1	-55 - 150	GBPC2508GI-ND	3.78	32.40	270.00
9	1.0	20	30	0.50	-65 - 125	SS12GICT-ND	.35	3.00	25.00
		30	30	0.75	-65 - 125	SS16GICT-ND	.35	3.00	25.00
		20	30	0.50	-65 - 125	SS12GICT-ND	.35	3.00	25.00
		30	30	0.75	-65 - 125	SS16GICT-ND	.35	3.00	25.00
		20	30	0.50	-65 - 125	SS12GICT-ND	.35	3.00	25.00
		30	30	0.75	-65 - 125	SS16GICT-ND	.35	3.00	25.00

Fig.	Max. Avg. Rect. Current (A)	Max. Peak Reverse Voltage (V)	Peak Forward Surge Current 8.3ms (A)	Max. Instant. Forward Voltage (V)	Typ. Rev. Recovery Time (µs)	Oper. Junction Temp. (°C)	Digi-Key Part No.	Cut Tape Pricing			Digi-Key Part No.	Tape & Reel Pricing	
								1	10	100		1,500	1,800
Miniature Glass Passivated Single-Phase Surface Mount Bridge Rectifier													
8	1.0	200	50	1.1	5.0	-55 - 150	DF02SGICT-ND	.53	4.50	37.50	DF02SG1TR-ND	225.00/M	—
		400	50	1.1	5.0	-55 - 150	DF04SGICT-ND	.53	4.50	37.50	DF04SG1TR-ND	225.00/M	—
		600	50	1.1	5.0	-55 - 150	DF06SGICT-ND	.56	4.80	40.00	DF06SG1TR-ND	240.00/M	—
Surface Mount Schottky Rectifier — DO-214AC													
9	1.0	20	30	0.50	0.5	-65 - 125	SS12GICT-ND	.35	3.00	25.00	SS12G1TR-ND	—	150.00/M
		60	30	0.75	0.5	-65 - 125	SS16GICT-ND	.35	3.00	25.00	SS16G1TR-ND	—	150.00/M
Surface Mount Schottky Barrier Rectifier — DO-213AB													
10	1.0	20	30	0.50	0.5	-55 - 125	SGL41-20GICT-ND	.28	2.40	20.00	SGL41-20G1TR-ND	120.00/M	—
		40	30	0.50	0.5	-55 - 125	SGL41-40GICT-ND	.28	2.40	20.00	SGL41-40G1TR-ND	120.00/M	—
		60	30	0.70	0.5	-55 - 150	SGL41-60GICT-ND	.28	2.40	20.00	SGL41-60G1TR-ND	120.00/M	—