

TYP	Maximum Recurrent Peak Reverse Voltage	Maximum Average Forward Rectified Current	Peak Forward Surge Current Half sine-wave Superimposed	Maximum Forward Voltage		Maximum DC Reverse Current T <sub>A</sub> =25°C	Typical Reverse Recovery Time		Package Style
	V <sub>RRM</sub>	I <sub>F(AV)</sub>	I <sub>FSM</sub>	V <sub>FM</sub>	Test	I <sub>R</sub>	T <sub>rr</sub>	Test	
	V	A	A	V	A	μA	nS		
IS1553	60	100m	1.0	1.4	100m	1.0	30n		DO-35
IS1554	50	100m	1.0	1.4	100m	1.0	30n		DO-35
IS1555	30	100m	1.0	1.4	100m	1.0	30n		DO-35
IS1834	400	1.0	30	1.2	1.5	10	1.5μ	I <sub>F</sub> =20mA I <sub>R</sub> =1mA	DO-15
IS1835	600	1.0	30	1.2	1.5	10	1.5μ		DO-15
IS1885	100	1.5	60	1.2	1.5	10	5.0μ	I <sub>F</sub> =20mA V <sub>R</sub> =10V R <sub>L</sub> =75Ω	DO-15
IS1886	200	1.5	60	1.2	1.5	10	5.0μ		DO-15
IS1887	400	1.5	60	1.2	1.5	10	5.0μ		DO-15
IS1888	600	1.5	60	1.2	1.5	10	5.0μ		DO-15
IS1941	100	500m	35	1.2	500m	10	--	--	DO-15
IS1942	200	500m	35	1.2	500m	10	--	--	DO-15
IS1943	400	500m	35	1.2	500m	10	--	--	DO-15
IS1944	600	500m	35	1.2	500m	10	--	--	DO-15
IS2076	30	150m	1.0	0.8	10m	1.0	20n		DO-35
IS2076A	70	150m	1.0	0.8	10m	1.0	20n		DO-35
IS2471	90	130m	0.6	1.2	100m	0.8	4.0n		DO-35
IS2472	55	120m	0.6	1.2	100m	0.8	4.0n		DO-35
IS2473	40	110m	0.6	1.2	100m	0.8	4.0n		DO-35
IS2473H	35	100m	0.6	1.2	100m	0.8	4.0n		DO-35
ISS104	30	100m	1.0	1.3	100m	1	40n		DO-35
2AP9	10	10m	50m	0.9	10m	20	--	--	DO-7
2AP10	20	8m	50m	1.0	8m	20	--	--	DO-7
MA150	35	0.1	0.8	1.2	0.1	2	10n		DO-35
MA161	50	0.1	0.8	1.2	0.1	2	4n		DO-35
MA162	75	0.1	0.8	1.2	0.1	2	4n		DO-35
MA165	35	0.1	0.8	1.2	0.1	2	10n		DO-35
MA166	50	0.1	0.8	1.2	0.1	2	4n		DO-35
MA167	75	0.1	0.8	1.2	0.1	2	4n		DO-35

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	V <sub>RRM</sub>	I <sub>F(AV)</sub>	I <sub>FSM</sub>	V <sub>FM</sub>	Test	I <sub>R</sub>	T <sub>rr</sub>	Test	
	V	A	A	V	A	μA	nS		
RM1ZM	200	1.0	50	0.98	1.0	5	--	--	DO-41/DO-15
RM11	400	1.2	100	0.92	1.5	10	--	--	SDO-15
RM11A	600	1.2	100	0.92	1.5	10	--	--	SDO-15
RM11B	800	1.2	100	0.92	1.5	10	--	--	SDO-15
RM11C	1000	1.2	100	0.92	1.5	10	--	--	SDO-15
RU2	600	1.0	35	1.2	1.0	10	0.4	I <sub>F</sub> =20mA V <sub>R</sub> =10V R <sub>L</sub> =75Ω	DO-15
RU3	400	1.5	40	1.5	1.5	10	0.2μ	I <sub>F</sub> =50mA V <sub>R</sub> =10V R <sub>L</sub> =75Ω	DO-15
RU3A	600	1.5	40	1.5	1.5	10	0.25μ		DO-15
RU3AM	800	1.5	40	1.1	1.5	10	0.3μ		DO-15
RU3M	1000	1.5	40	1.1	1.5	10	0.4μ		DO-15
RU4	400	1.5	40	1.5	3.0	10	0.2μ	I <sub>F</sub> =50mA V <sub>R</sub> =10V R <sub>L</sub> =75Ω	DO-15
RU4A	600	1.5	40	1.5	3.0	10	0.2μ		DO-15
RU4M	600	2.0	80	1.3	3.5	10	0.2μ		DO-15
RU4B	800	1.5	40	1.6	3.0	10	0.3μ		DO-15
RU4C	100	1.5	40	1.6	3.0	10	0.4μ	R <sub>L</sub> =75Ω	DO-15
RU4D	1300	2.0	40	1.8	1.5	10	0.4μ		DO-15
RU4M	400	2.0	80	1.3	3.5	10	0.2μ	I <sub>F</sub> =50mA V <sub>R</sub> =10V R <sub>L</sub> =75Ω	DO-27
RU4Y	100	2.0	80	1.3	3.5	10	0.2μ		DO-27
RU4YX	100	2.2	80	0.85	2.0	10	0.2μ		DO-27
RU4Z	200	2.0	80	1.3	3.5	10	0.2μ		DO-27
S5295G	400	1.0	35	1.2	1.0	10	0.3μ	I <sub>F</sub> =50mA V <sub>R</sub> =10V R <sub>L</sub> =75Ω	DO-15/DO-41
S5295J	600	1.0	35	1.2	1.0	10	0.4μ		DO-15/DO-41
SM-1-02FRA	200	0.8	30	1.1	0.8	10	0.6μ	I <sub>F</sub> =50mA V <sub>R</sub> =10V	DO-15/DO-41
TVR1B	100	0.5	30	1.2	0.5	10	2μ	I <sub>F</sub> =20mA I <sub>R</sub> =1mA	DO-41
TVR1D	200	0.5	30	1.2	0.5	10	2μ		DO-41
TVR1G	400	0.5	30	1.2	0.5	10	2μ		DO-41
TVR1J	600	0.5	30	1.2	0.5	10	2μ		DO-41

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	V <sub>RRM</sub>	I <sub>F(AV)</sub>	I <sub>FSM</sub>	V <sub>FM</sub>	Test	I <sub>R</sub>	T <sub>rr</sub>	Test	
	V	A	A	V	A	μA	nS		
RGP15A	50	1.5	50	1.3	1.5	5	0.15μ	I <sub>F</sub> =0.5A I <sub>R</sub> =1A	DO-15
RGP15B	100	1.5	50	1.3	1.5	5	0.15μ		DO-15
RGP15D	200	1.5	50	1.3	1.5	5	0.15μ		DO-15
RGP15G	400	1.5	50	1.3	1.5	5	0.15μ		DO-15
RGP15J	600	1.5	50	1.3	1.5	5	0.25μ		DO-15
RGP15K	800	1.5	50	1.3	1.5	5	0.5μ		DO-15
RGP15M	1000	1.5	50	1.3	1.5	5	0.5μ		DO-15
RGP30A	50	3.0	125	1.3	3	5	0.15μ	I <sub>F</sub> =0.5A I <sub>R</sub> =1A	DO-27
RGP30B	100	3.0	125	1.3	3	5	0.15μ		DO-27
RGP30D	200	3.0	125	1.3	3	5	0.15μ		DO-27
RGP30G	400	3.0	125	1.3	3	5	0.15μ		DO-27
RGP30J	600	3.0	125	1.3	3	5	0.25μ		DO-27
RGP30K	800	3.0	125	1.3	3	5	0.5μ		DO-27
RGP30M	1000	3.0	125	1.3	3	5	0.5μ		DO-27
RH1	400	0.6	20	1.3	0.6	5	0.4μ	I <sub>F</sub> =50mA V <sub>R</sub> =10V R <sub>L</sub> =75Ω	DO-41/DO-15
RH1A	600	0.6	20	1.3	0.6	5	0.4μ		DO-41/DO-15
RH1B	800	0.6	20	1.3	0.6	5	0.4μ		DO-41/DO-15
RH1C	1000	0.6	20	1.3	0.6	5	0.4μ		DO-41/DO-15
RH1Z	200	0.6	20	1.3	0.6	5	0.4μ		DO-41/DO-15
2CZ92C	200	0.3	20	1.3	0.3	5	1.0μ	I <sub>F</sub> =50mA V <sub>R</sub> =10V R <sub>L</sub> =75Ω	DO-15/DO-41
2CZ92D	300	0.3	20	1.3	0.3	5	1.0μ		DO-15/DO-41
2CZ92E	400	0.3	20	1.3	0.3	5	1.0μ		DO-15/DO-41
2CZ92G	600	0.3	20	1.3	0.3	5	1.0μ		DO-15/DO-41
2CZ92H	900	0.3	20	1.3	0.3	5	1.0μ		DO-15/DO-41
2CZ1834	400	1.0	60	1.2	1.0	10	0.2μ	I <sub>F</sub> =50mA V <sub>R</sub> =10V R <sub>L</sub> =75Ω	DO-15
2CZ1835	600	1.0	60	1.2	1.0	10	0.2μ		DO-15
2CZ1887	400	1.0	60	1.2	1.0	10	--	I <sub>F</sub> =50mA V <sub>R</sub> =10V R <sub>L</sub> =75Ω	DO-15/DO-41
2CZ4406E	600	1.5	30	1.1	1.5	10	0.2μ		DO-15/DO-41
2CZ5295G	400	1.0	30	1.5	1.0	10	0.2μ		DO-15/DO-41
2CZ5295J	600	1.0	30	1.5	1.0	10	0.2μ	DO-15/DO-41	
2CZEM01Z	200	1.0	45	0.97	1.0	5	--	I <sub>F</sub> =50mA V <sub>R</sub> =10V R <sub>L</sub> =75Ω	DO-15/DO-41
2CZESI	400	1.0	30	2.5	1.0	5	0.75μ		DO-15/DO-41
2CZEUC	600	0.5	30	2.5	0.5	5	0.2μ		DO-15/DO-41

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	V <sub>RRM</sub>	I <sub>F(AV)</sub>	I <sub>FSM</sub>	V <sub>FM</sub>	Test	I <sub>R</sub>	T <sub>rr</sub>	Test	
	V	A	A	V	A	μA	nS		
BYV95A	200	1.5	35	1.6	3.0	10	0.25μ	I <sub>F</sub> =0.5A I <sub>R</sub> =1.0A	DO-204AP
BYV95B	400	1.5	35	1.6	3.0	10	0.25μ		DO-204AP
BYV95C	600	1.5	35	1.6	3.0	10	0.25μ		DO-204AP
BYV95D	800	1.5	35	1.6	3.0	10	0.25μ		DO-204AP
BYV95E	1000	1.5	35	1.6	3.0	10	0.25μ		DO-204AP
BYW32	200	2.0	40	1.2	1.0	5	0.2μ	I <sub>F</sub> =0.5A I <sub>R</sub> =1.0A	DO-204AP
BYW33	300	2.0	40	1.2	1.0	5	0.2μ		DO-204AP
BYW34	400	2.0	40	1.2	1.0	5	0.2μ		DO-204AP
BYW35	500	2.0	40	1.2	1.0	5	0.2μ		DO-204AP
BYW36	600	2.0	40	1.2	1.0	5	0.2μ		DO-204AP
EH-1	400	0.6	20	1.35	0.6	10	2μ	I <sub>F</sub> =50mA V <sub>R</sub> =10V R <sub>L</sub> =75Ω	DO-15/DO-41
EH-1Z	200	0.6	20	1.35	0.6	10	2μ		DO-15/DO-41
EM1A	600	1.0	45	0.97	1.0	10	--	--	DO-15
EM01Z	200	1.0	45	0.97	1.0	10	--	--	DO-15
ERA1506	600	1.0	40	1.1	2.0	10	--	--	DO-15
ERB1202	200	1.0	60	1.2	2.0	10	--	--	DO-15
ERB4304	400	0.5	30	1.1	1.0	10	0.2μ	I <sub>F</sub> =50mA V <sub>R</sub> =10V	DO-15
ERB4406	600	1.0	40	1.1	1.5	10	0.2μ		DO-15
ERC0102	200	1.5	100	1.1	4.0	10			SDO-15
ERC05-10B	1000	1.2	100	1.0	4.0	10			SDO-15
ES1	400	0.8	20	2.5	0.8	10	0.5μ	I <sub>F</sub> =50mA V <sub>R</sub> =10V R <sub>L</sub> =75Ω	DO-15/DO-41
ES1A	600	0.8	20	2.5	0.8	10	0.6μ		DO-15/DO-41
ES1F	1500	0.5	20	2.0	0.5	10	0.6μ		DO-15/DO-41
EU01A	600	0.5	20	2.5	0.5	10	0.2μ	I <sub>F</sub> =50mA V <sub>R</sub> =10V R <sub>L</sub> =75Ω	DO-15/DO-41
EU1	400	0.5	20	2.5	0.5	10	0.2μ		DO-15/DO-41
EU1A	600	0.5	20	2.5	0.5	10	0.2μ		DO-15/DO-41
EU1C	1000	0.5	20	2.5	0.5	10	0.2μ		DO-15/DO-41
EU1Z	200	0.5	20	2.5	0.5	10	0.2μ		DO-15/DO-41

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	V <sub>RRM</sub>	I <sub>F(AV)</sub>	I <sub>FSM</sub>	V <sub>FM</sub>	Test	I <sub>R</sub>	T <sub>rr</sub>	Test	
	V	A	A	V	A	μA	nS		
2DG1A	300	0.3	20	1.3	0.3	5	1μ		DO-15/DO-41
3JH61	600	1.5	60	1.4	3.0	10	1.5μ		DO-204AP
2CZRU2	600	1.0	20	1.2	1.0	10	0.2μ	I <sub>F</sub> =50mA V <sub>R</sub> =10V R <sub>L</sub> =75Ω	DO-15/DO-41
2CZRU4Z	200	2.0	70	1.3	2.0	10	0.2μ		DO-27
2CZRG2	400	1.2	50	1.5	1.2	500	0.1μ		DO-15/DO-41
2CZRMIZM	200	1.0	50	1.2	1.0	5	5μ		DO-15/DO-41
BYD33D	200	1.3	30	1.3	1.0	10	0.25μ	I <sub>F</sub> =0.5A	DO-15/DO-41
BYD33G	400	1.3	30	1.3	1.0	10	0.25μ		DO-15/DO-41
BYD33J	600	1.3	30	1.3	1.0	10	0.25μ	I <sub>R</sub> =1.0A	DO-15/DO-41
BYD33K	800	1.3	30	1.3	1.0	10	0.3μ		DO-15/DO-41
BYD33M	100	1.3	30	1.3	1.0	10	0.3μ		DO-15/DO-41
BYM36A	200	3.0	150	1.6	3.0	10	100 n	I <sub>F</sub> =0.5A	DO-27
BYM36B	400	3.0	150	1.6	3.0	10	100 n		DO-27
BYM36C	600	3.0	150	1.6	3.0	10	100 n	I <sub>R</sub> =1.0A	DO-27
BYM36D	800	3.0	150	1.8	3.0	10	100 n		DO-27
BYM36E	100	3.0	150	1.8	3.0	10	100 n		DO-27
BYT52A	50	1.0	40	1.3	1.0	5	0.2μ	I <sub>F</sub> =0.5A	DO-15
BYT52B	100	1.0	40	1.3	1.0	5	0.2μ		DO-15
BYT52D	200	1.0	40	1.3	1.0	5	0.2μ	I <sub>R</sub> =1.0A	DO-15
BYT52G	400	1.0	40	1.3	1.0	5	0.2μ		DO-15
BYT52J	600	1.0	40	1.3	1.0	5	0.2μ		DO-15
BYT52K	800	1.0	40	1.3	1.0	5	0.2μ		DO-15
BYT52M	1000	1.0	40	1.3	1.0	5	0.2μ		DO-15
BYT56A	50	3.0	150	1.4	3.0	10	0.1μ		I <sub>F</sub> =0.5A
BYT56B	100	3.0	150	1.4	3.0	10	0.1μ	DO-27	
BYT56D	200	3.0	150	1.4	3.0	10	0.1μ	I <sub>R</sub> =1.0A	DO-27
BYT56G	400	3.0	150	1.4	3.0	10	0.1μ		DO-27
BYT56J	600	3.0	150	1.4	3.0	10	0.1μ		DO-27
BYT56K	800	3.0	150	1.4	3.0	10	0.1μ		DO-27
BYT56M	1000	3.0	150	1.4	3.0	10	0.1μ		DO-27

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	VRRM	I <sub>F(AV)</sub>	I <sub>FSM</sub>	V <sub>FM</sub>	Test	I <sub>R</sub>	T <sub>rr</sub>	Test	
	V	A	A	V	A	μA	nS		
GP15A	50	1.5	50	1.1	1.5	5	2μ	I <sub>F</sub> =0.5A  I <sub>R</sub> =1.0A	DO-15
GP15B	100	1.5	50	1.1	1.5	5	2μ		DO-15
GP15D	200	1.5	50	1.1	1.5	5	2μ		DO-15
GP15G	400	1.5	50	1.1	1.5	5	2μ		DO-15
GP15J	600	1.5	50	1.1	1.5	5	2μ		DO-15
GP15K	800	1.5	50	1.1	1.5	5	2μ		DO-15
GP15M	1000	1.5	50	1.1	1.5	5	2μ		DO-15
PBL401	50	4.0	200	1.1	3.0	10	--	--	DO-27
PBL402	100	4.0	200	1.1	3.0	10	--	--	DO-27
PBL403	200	4.0	200	1.1	3.0	10	--	--	DO-27
PBL404	400	4.0	200	1.1	3.0	10	--	--	DO-27
PBL405	600	4.0	200	1.1	3.0	10	--	--	DO-27
PBL406	800	4.0	200	1.1	3.0	10	--	--	DO-27
PBL407	1000	4.0	200	1.1	3.0	10	--	--	DO-27
RC2	2000	0.2	20	2.0	0.2	10	1.5μ	I <sub>F</sub> =50mA V <sub>R</sub> =10V R <sub>L</sub> =75Ω	DO-15/DO-41
RG2	400	1.5	50	1.5	1.5	500	0.1μ		DO-15/DO-41
RG4C	1000	1.0	30	3.0	2.0	10	0.1μ		DO-15/DO-41
RGP10A	50	1.0	30	1.3	1.0	5	0.15μ	I <sub>F</sub> =0.5A  I <sub>R</sub> =1.0A	DO-15/DO-41
RGP10B	100	1.0	30	1.3	1.0	5	0.15μ		DO-15/DO-41
RGP10D	200	1.0	30	1.3	1.0	5	0.15μ		DO-15/DO-41
RGP10G	400	1.0	30	1.3	1.0	5	0.15μ		DO-15/DO-41
RGP10J	600	1.0	30	1.3	1.0	5	0.25μ		DO-15/DO-41
RGP10K	800	1.0	30	1.3	1.0	5	0.5μ		DO-15/DO-41
RGP10M	1000	1.0	30	1.3	1.0	5	0.5μ		DO-15/DO-41

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				V <sub>FM</sub>	Test		T <sub>rr</sub>	Test		
				V	A		A	A		$\mu\text{A}$
2CN3 (2CN6)	D	300	1.0	30	1.3	1.0	10	6 $\mu$	I <sub>F</sub> =50mA V <sub>R</sub> =10V R <sub>L</sub> =75 $\Omega$	DO-15
	E	400	1.0	30	1.4	1.0	10	6 $\mu$		DO-15
	G	600	1.0	30	1.2	1.0	10	6 $\mu$		DO-15
	H	900	1.0	30	1.3	1.0	10	6 $\mu$		DO-15
2CN4 (2CN5)	D	200	1.5	40	1.3	1.5	10	0.5 $\mu$	I <sub>F</sub> =50mA V <sub>R</sub> =10V R <sub>L</sub> =75 $\Omega$	DO-15
	E	300	1.5	40	1.3	1.5	10	0.5 $\mu$		DO-15
	G	400	1.5	40	1.3	1.5	10	0.5 $\mu$		DO-15
	H	600	1.5	40	1.3	1.5	10	0.5 $\mu$		DO-15
2CZ32 (2CZ33)	B	100	1.5	50	1.3	1.5	10	--	--	DO-15
	C	200	1.5	50	1.3	1.5	10	--	--	DO-15
	D	300	1.5	50	1.3	1.5	10	--	--	DO-15
	E	400	1.5	50	1.3	1.5	10	--	--	DO-15
	F	500	1.5	50	1.3	1.5	10	--	--	DO-15
	G	600	1.5	50	1.3	1.5	10	--	--	DO-15
	H	800	1.5	50	1.3	1.5	10	--	--	DO-15
J	1000	1.5	50	1.3	1.5	10	--	--	DO-15	
2CZ37		600	1.0	40	1.2	1.0	10	--	--	DO-15/DO-41
2CZ82	A	25	0.1	10	1.0	0.1	5	--	--	DO-41
	B	30	0.1	10	1.0	0.1	5	--	--	DO-41
	C	100	0.1	10	1.0	0.1	5	--	--	DO-41
	D	200	0.1	10	1.0	0.1	5	--	--	DO-41
	E	300	0.1	10	1.0	0.1	5	--	--	DO-41
	F	400	0.1	10	1.0	0.1	5	--	--	DO-41
	G	500	0.1	10	1.0	0.1	5	--	--	DO-41
	H	600	0.1	10	1.0	0.1	5	--	--	DO-41
	J	700	0.1	10	1.0	0.1	5	--	--	DO-41
	K	800	0.1	10	1.0	0.1	5	--	--	DO-41
	L	900	0.1	10	1.0	0.1	5	--	--	DO-41
M	1000	0.1	10	1.0	0.1	5	--	--	DO-41	
(2CZ83)		(0.3)	(20)	(1.0)	(0.3)	(5)	--	--	DO-41	
(2CZ84)		(0.5)	(20)	(1.0)	(0.5)	(10)	--	--	DO-41	
(2CZ85)		(1.0)	(30)	(1.0)	(1.0)	(10)	--	--	DO-41	