

Band Switching Diodes

In DO-34 or ultra-mini package. Ultra-mini package is most suitable for small set. Low high frequency resistance and low capacitance between terminals.

●Glass-sealed Types

Part No.	Absolute maximum ratings (Ta=25°C)					Electrical characteristics (Ta=25°C)										Package
	Pd (mW)	VR (V)	Io (mA)	Tj (°C)	Tstg (°C)	VF (V) Max.		IR (nA) Max.		CT (pF) Max.			rF (Ω) Max.			
						VF (V)	IF (mA)	IR (nA)	VR (V)	VR (V)	f (MHz)	f (MHz)	IF (mA)	f (MHz)		
1SS135	150	35	100	150	-55~+150	1.0	10	100	20	1.3	6	1	0.6	10	100	DO-34
1SS265	150	35	100	150	-55~+150	1.0	10	100	20	1.5	10	1	0.6	10	100	USD

Rectifier Diodes

Two packages : DO-41 glass and round molded, for 5mm pitch. For reverse surge absorption application, use rectifier diodes having high reverse surge resistance.

●General purpose rectifier diodes

Part No.	Absolute maximum ratings (Ta=25°C)						Electrical characteristics (Ta=25°C)				Package
	VRSM (V)	VRM (V)	Io (A) *Ta=50°C	IFSM (A) 60Hz 1~	TJ (°C)	Tstg (°C)	VF (V) Max.		IR (μA) Max.		
								IF (A)		VR (V)	
1SR35-100A	150	100	1 *	30	175	-65~+175	1.1	1	10	100	DO-41
1SR35-200A	300	200	1 *	30	175	-65~+175	1.1	1	10	200	DO-41
1SR35-400A	500	400	1 *	30	175	-65~+175	1.1	1	10	400	DO-41
1SR139-100	150	100	1	40	150	-40~+150	1.1	1	10	100	MSR
1SR139-200	250	200	1	40	150	-40~+150	1.1	1	10	200	MSR
1SR139-400	500	400	1	40	150	-40~+150	1.1	1	10	400	MSR
1SR139-600	750	600	1	40	150	-40~+150	1.1	1	10	600	MSR
1N4001A	75	50	1 *	30	175	-65~+175	1.1	1	10	50	DO-41
1N4002A	150	100	1 *	30	175	-65~+175	1.1	1	10	100	DO-41
1N4003A	300	200	1 *	30	175	-65~+175	1.1	1	10	200	DO-41
1N4004A	500	400	1 *	30	175	-65~+175	1.1	1	10	400	DO-41

●High-speed rectifier diodes

Part No.	Absolute maximum ratings (Ta=25°C)						Electrical characteristics (Ta=25°C)						Package	
	VRSM (V)	VRM (V)	Io (A)	IFSM (A) 60Hz 1~	TJ (°C)	Tstg (°C)	VF (V) Max.		IR (μA) Max.		trr (μs) Max.			
								IF (A)		VR (V)	IF (mA)	IR (mA)		
1SR124-100A	150	100	1	30	150	-65~+175	1.3	1	10	100	0.4	10	10	DO-41
1SR124-200A	300	200	1	30	150	-65~+175	1.3	1	10	200	0.4	10	10	DO-41
1SR124-400A	500	400	1	30	150	-65~+175	1.3	1	10	400	0.4	10	10	DO-41
1SR153-100	150	100	1.0	30	150	-40~+150	1.3	0.8	10	100	0.4	10	10	MSR
1SR153-200	300	200	1.0	30	150	-40~+150	1.3	0.8	10	200	0.4	10	10	MSR
1SR153-400	500	400	1.0	30	150	-40~+150	1.3	0.8	10	400	0.4	10	10	MSR

●Ultra High-speed rectifier diodes

Part No.	Absolute maximum ratings (Ta=25°C)						Electrical characteristics (Ta=25°C)						Package	
	VRSM (V)	VRM (V)	Io (A)	IFSM (A) 50Hz 1~	Tj (°C)	Tstg (°C)	VF (V) Max.		IR (μA) Max.		trr (μs) Max.			
								IFM (A)		VRM (V)	IF (mA)	IR (mA)		
RO503D-02	200	200	5	50	150	-40~+150	0.98	2.5	100	200	35	100	100	TO-220FD

DO-34		USD	
DO-41		MSR	

●Packaging

- When ordering, specify the type.
- Check each code against the tables shown below.
- Fill a space with the next character.

1	S	R	3	5	-	1	0	0	A	T	-	8	2
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Part No.

Packaging
See P.204

Package	Packaging specifications
DO-34	Radial taping
USD	Axial taping
DO-41	Forming
MSR	Radial taping
	Axial taping
	Forming