



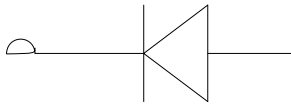
Schottky Barrier Rectifier

Features

- ✓ Guardring for overvoltage protection
- ✓ Low forward voltage drop, Low power dissipation
- ✓ High forward surge capability
- ✓ High frequency operation
- ✓ Solder dip 275, AECmaxESD 22-B106

Typical Applications

For use in low voltage high frequency freewheeling, DC/AC converter protection applications.



Mechanical Data

- ✓ Package: DO-201AD (DO-27)
- ✓ Molding compound meets flammability rating, RoHS-compliant
- ✓ Text: σ Te i T !

		UNIT	SR5150L	SR5200L
Device marking code			SR5150L	SR5200L
Repetitive Peak Reverse Voltage	V_{RRM}	tagV	150	200
	T_j	°C	-55 ~ +150	

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Electrical Characteristics $T_a = 25^\circ\text{C}$ Unless otherwise specified

PARAMETER	SYMBOL	UNIT	TEST CONDITIONS	SR5150L	SR5200L
Max i /			$T_a = 125^\circ\text{C}$	5	

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SR5150L THRU SR5200L

Thermal Characteristics $T_a = 25^\circ\text{C}$ Unless otherwise specified

PARAMETER		SYMBOL	UNIT	SR5150L	SR5200L
Thermal Resistance	Junction to ambient	θ_{JA}	$^\circ\text{C}/\text{W}$	25	
	Junction to Lead	θ_{JL}	$^\circ\text{C}/\text{W}$	8	

Ordering Information (Example)

PREFERED P/N	PACKAGE CODE	UNIT WEIGHT(g)	MINIMUM PACKAGE(pcs)	INNER BOX QUANTITY(pcs)	OUTER CARTON QUANTITY(pcs)	DELIVERY MODE
SR5150L~SR5200L	01	Approximate 1.05	1250	1250	1250	1250
SR5150L~SR5200L	01	Approximate 1.05	250	250	250	1250

Characteristics(Typical)

$T_j = 25^\circ\text{C}$

SR5150L THRU SR5200L



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