

SS24

2.0 A Schottky Rectifier

Product Overview

For complete documentation, see the data sheet.

This Schottky Rectifier employs the Schottky Barrier principle in a large area metal-to-silicon power diode. State-of-the-art geometry features epitaxial construction with oxide passivation and metal overlay contact. The Schottky Rectifier is ideally suited for low voltage, high frequency rectification, or as free wheeling and polarity protection diodes in surface mount applications where compact size and weight are critical to the system.

Features

- Compact Package with J-Bend Leads Ideal for Automated Handling
- Highly Stable Oxide Passivated Junction
- Guardring for Over-Voltage Protection
- Low Forward Voltage Drop
- Mechanical Characteristics:
- Case: Molded Epoxy
- Epoxy Meets UL94, VO at 1/8"
- Weight: 95 mg (approximately)
- Cathode Polarity Band
- Lead and Mounting Surface Temperature for Soldering Purposes: 260°C Max. for 10 Seconds
- Available in 12 mm Tape, 2500 Units per 13" Reel, Add "T3" Suffix to Part Number

For more features, see the data sheet

Part Electrical Specifications												
Product	Pricing (\$/Unit)	Compliance	Status	Configuration	V _{RRM} Min (V)	V _F Max (V)	I _{RM} Max (µA)	I _{O(rec)} Max (A)	I _{FSM} Max (A)	t _{rr} Max (ns)	C _j Max (pF)	Package Type
SS22T3G	0.0917		Active	Single	20	0.5	400	2	75	-	-	SMB-2
SS24T3G	0.0872		Active	Single	40	0.5	400	2	75	-	-	SMB-2