

製品概要

MBRA140: Schottky Power Rectifier, Surface Mount, 1.0 A, 40 V

技術情報は、データシートをご参照ください。

The Schottky Rectifier employs the Schottky Barrier principle in a large area metal-to-silicon power diode. The Schottky Rectifier's state-of-the-art geometry features epitaxial construction with oxide passivation and metal overlay contact. It 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.

特長

- Small Compact Surface Mountable Package with J-Bent Leads
- Rectangular Package for Automated Handling
- Highly Stable Oxide Passivated Junction
- Very Low Forward Voltage Drop
- Guardring for Stress Protection Mechanical Characteristics:
- Case: Epoxy, Molded
- Weight: 70 mg (approximately)
- Finish: All External Surfaces Corrosion Resistant and Terminal Leads are Readily Solderable
- Lead and Mounting Surface Temperature for Soldering Purposes: 260 °C Max. for 10 Seconds
- Shipped in 12 mm tape, 5000 units per 13 inch reel

For more features, see the data sheet

電氣的仕様

製品	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
MBRA140T3G	0.0755	Pb-free Halide free	Active	Single	40	0.55	500	1	30	-	-	SMA-2
NRVBA140T3G	0.1355	AEC Qualified PPAP Capable Pb-free Halide free	Active	Single	40	0.55	500	1	30	-	-	SMA-2

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