



## Product Overview

### MBRD835L: Schottky Barrier Rectifier, 35 V, 8.0 A

For complete documentation, see the data sheet

#### Product Description

This Schottky Rectifier with a proprietary barrier metal is designed for output rectifiers, free wheeling, protection and steering diodes, switching power supplies, inverters and other inductive switching circuits.

#### Features

- Low Forward Voltage
- 125 C Operating Junction Temperature
- Epoxy Meets UL94, VO at 1/8"
- Compact Size
- Lead Formed for Surface Mount

Mechanical Characteristics:

- Case: Epoxy, Molded
- Weight: 0.4 gram (approximately)
- Finish: All External Surfaces Corrosion Resistant and Terminal Leads 3 are Readily Solderable
- Lead and Mounting Surface Temperature for Soldering Purposes: 260 C Max. for 10 Seconds
- Shipped 75 units per plastic tube

#### Part Electrical Specifications

Product	Compliance	Status	Configuration	$V_{RRM}$ Min (V)	$V_F$ Max (V)	$I_{RM}$ Max (uA)	$I_{O(rec)}$ Max (A)	$I_{FSM}$ Max (A)	$t_r$ Max (ns)	C, Max (pF)	Package Type
MBRD835LG	Pb-free Halide free	Active	Single	35	0.51	1400	8	75	-	-	DPAK-3
MBRD835LT4G	Pb-free Halide free	Active	Single	35	0.51	1400	8	75	-	-	DPAK-3
SBRD8835LG	AEC Qualified PPAP Capable Pb-free Halide free	Active	Single	35	0.51	1400	8	75	-	-	DPAK-3
SBRD8835LT4G	AEC Qualified PPAP Capable Pb-free Halide free	Active	Single	35	0.51	1400	8	75	-	-	DPAK-3

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