

# 1N4001

## Standard Rectifier, 50 V, 1.0 A

### Product Overview

For complete documentation, see the data sheet.

This standard rectifier is designed for general purpose, low power applications.

### Features

- Case: Epoxy, Molded
- Weight: 0.4 gram (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, 1/16 from case
- Shipped in plastic bags, 1000 per bag.
- Available Tape and Reeled, 5000 per reel, by adding a "RL" suffix to the part number
- Available in Fan-Fold Packaging, 3000 per box, by adding a "FF" suffix to the part number
- Polarity: Cathode Indicated by Polarity Band
- Marking: 1N4001, 1N4002, 1N4003, 1N4004, 1N4005, 1N4006, 1N4007
- Pb-Free Packages are Available

For more features, see the data sheet

### Part Electrical Specifications

Product	Pricing (\$/Unit)	Compliance	Status	Type	$I_{O(rec)}$ Max (A)	$t_{rr}$ Max (ns)	$V_{RRM}$ Max (V)	$V_{FM}$ Max (V)	$I_{FSM}$ Max (A)	$I_R$ Max (mA)	Package Type
1N4001G	0.0299		Active	Standard Recovery	1		50	1.1	30	0.01	Axial Lead-2
1N4001RLG	0.0259		Active	Standard Recovery	1		50	1.1	30	0.01	Axial Lead-2