



Product Overview

MJ15015: 15 A, 120 V, NPN Bipolar Power Transistor

For complete documentation, see the data sheet

Product Description

The Bipolar Power Transistor is designed for high power audio, stepping motor and other linear applications. It can also be used in power switching circuits such as relay or solenoid drivers, dc-to-dc converters, inverters or for inductive loads requiring higher safe operating area than the 2N3055.

Features

- Current-Gain - Bandwidth-Product @ $I_C = 1.0 \text{ A}$ dc
 $f_T = 0.8 \text{ MHz (Min) - NPN}$
 $f_T = 2.2 \text{ MHz (Min) - PNP}$
- Safe Operating Area - Rated to 60 V and 120 V, Respectively
- Pb-Free Packages are Available

Part Electrical Specifications

Product	Compliance	Status	Polarity	I_C Continuous (A)	$V_{CEO(sus)}$ Min (V)	h_{FE} Min	h_{FE} Max	P_{TM} Max (W)	f_T Min (MHz)	Package Type
MJ15015G	Pb-free	Active	NPN	15	120	20	70	180	1	TO-204-2

For more information please contact your local sales support at www.onsemi.com

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