**JMPL1050AP**

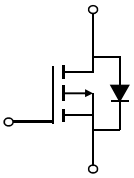
# -100V 39mΩ P-Ch Power MOSFET

## Features

## Product Summary

| Parameter | Value | Unit |
|---|---|---|
| | | |
| | | |
| | | |
| | | Ω |
| | | Ω |

## Applications



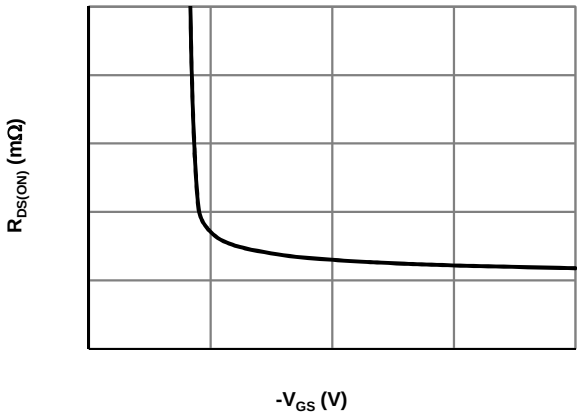
## Ordering Information

| Device | Package | # of Pins | Marking | MSL | $T_J$ (°C) | Media | Quantity (pcs) |
|---|---|---|---|---|---|---|---|
| | | | | | | | |

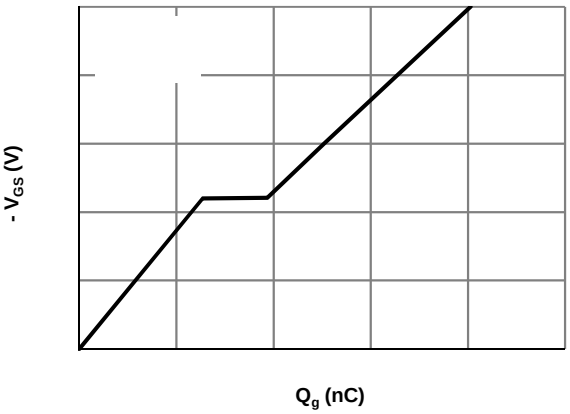
## Absolute Maximum Ratings

| Parameter | | Symbol | Value | Unit |
|---|---|---|---|---|
| | | | | |
| | | | | |
| | | | | |
| | | | | |
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| | | | | |
| | | , T | | |

$R_{DS(ON)}$ vs. $V_{GS}$




Gate Charge



## Electrical Characteristics

| Parameter | Symbol | Conditions | Min. | Typ. | Max. | Unit |
|---|---|---|---|---|---|---|
| **STATIC PARAMETERS** | | | | | | |
| | | μ | | | | |
| | | | | | | μA |
| | | = | | | | |
| | | | | | | |
| | | | | | | |
| | | μ | | | | |
| | | | | | | Ω |
| | | | | | | Ω |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| **DYNAMIC PARAMETERS** (5) | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | Ω |
| **SWITCHING PARAMETERS** (5) | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | Ω Ω | | | | |
| | | | | | | |
| | | /μs | | | | |
| | | /μs | | | | |

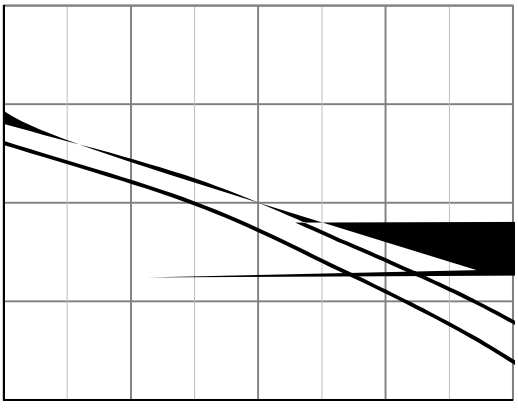
## Thermal Performance

| Parameter | Symbol | Typ. | Max. | Unit |
|---|---|---|---|---|
| ≤ | θ | | | |
| | θ | | | |

**Notes:**

μ

**Typical Electrical & Thermal Characteristics**



## Typical Electrical & Thermal Characteristics

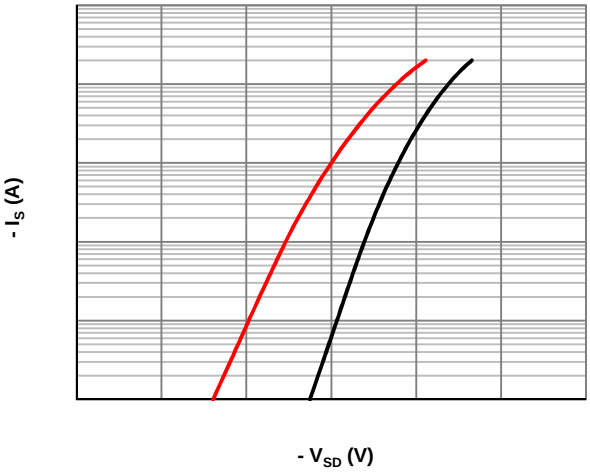
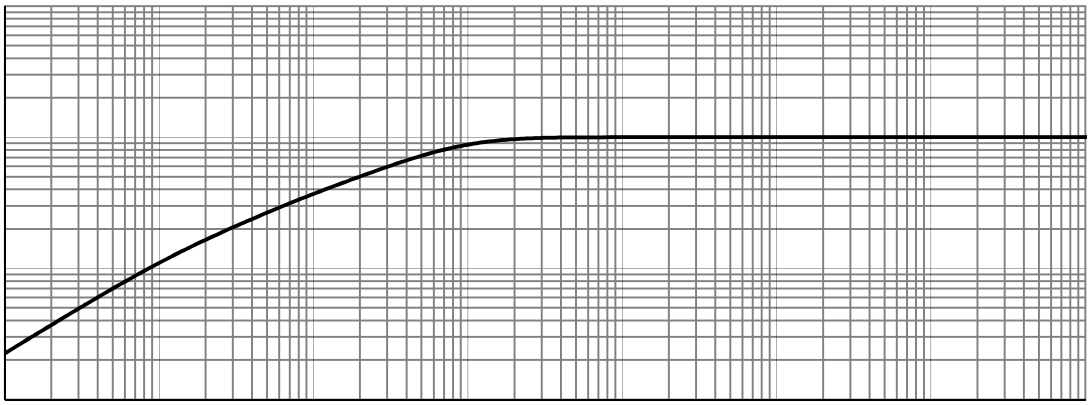


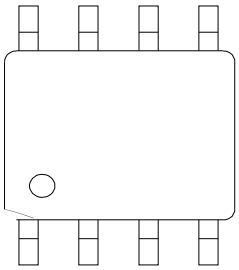



**Figure 7: Body-Diode Characteristics**

**Typical Electrical & Thermal Characteristics**



**SOP-8L Package Information**



DIMENSIONS:MILLIMETERS