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# L272 / L272A

## Dual Power Operational Amplifier

### Features

- Output Current up to 0.7 A
- Operates at Low Voltage ( $V_{S(MIN)} = 4\text{ V}$ )
- Low Saturation Voltage ( $I_P = 0.5\text{ A}$ ,  $V_O = 1.5\text{ V}$ )
- Thermal Shutdown (TSD = 160°C)
- Ground-Compatible Inputs
- Large Common Mode & Differential Mode Range

### Applications

- Servo Amplifier
- Power Supply
- Compact Disc
- VCR
- Monitor

### Ordering Information

Part Number	Operating Temperature Range	Top Mark	Package	Packing Method
L272M	-40 to +85°C	L272M	MDIP 8L	Rail
L272AM		L272AM	MDIP 8L	Rail

Block Diagram

## Pin Descriptions

### Absolute Maximum Ratings<sup>(1)</sup>

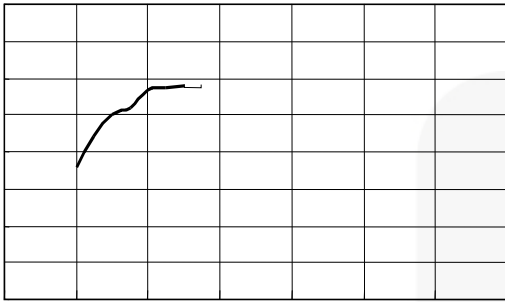
Stresses exceeding the absolute maximum ratings may damage the device. The device may not function or be opera-







### Typical Performance Characteristics

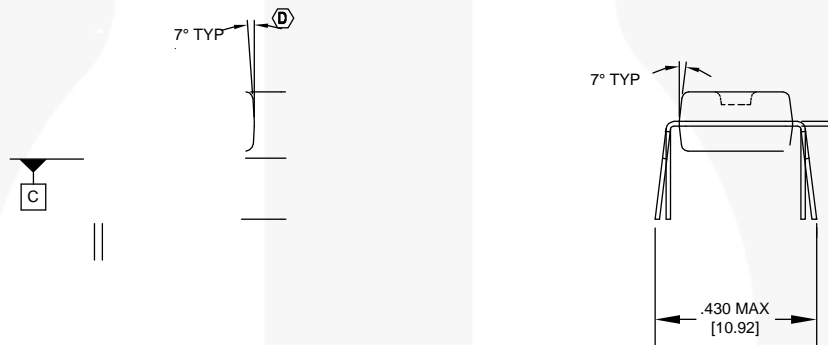


## Applications





## Physical Dimensions



**Figure 8. 8-LEAD, MDIP, JEDEC MS-001, .300-INCH WIDE**

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