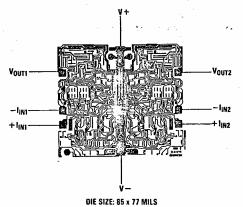
## Absolute Maximum Ratings (TA = 25°C)

| $v_s$ | Voltage between V+ and V-    | 35V   |
|-------|------------------------------|-------|
| ΔVIN  | Differential Input Voltage   | 6V    |
| IOP   | Output Current, Peak         | 50 mA |
| Ioc   | Output Current, Continuous   | 25 mA |
| T-    | Maximum Junction Temperature | 175°C |

For AC electrical characteristics, refer to the typical electrical table and performance curves in the package data sheet. These characteristics are guaranteed but not tested in die form. Unless otherwise noted, all tests are pulsed tests, therefore  $T_J = T_C = T_A$ .

## Test Level

Test Procedure 100% production tested in wafer form. See remarks under Electrical Testing In the General Die section.



## DC Electrical Characteristics $V_S = \pm 15V$ , $R_L = 2 k\Omega$ , $T_A = 25^{\circ}C$

| Parameter       | Description                           | Min | Тур   | Max | Test Level              | Units |
|-----------------|---------------------------------------|-----|-------|-----|-------------------------|-------|
| v <sub>os</sub> | Offset Voltage                        |     | 0.5   | 5   | , i                     | mV    |
| IB              | Bias Current                          |     | 1.5   | 4   | 1                       | μΑ    |
| Ios             | Offset Current                        |     | 0.2   | 2.0 | 1                       | μΑ    |
| V <sub>CM</sub> | Common Mode Range                     | ±10 | ±12   |     | 1                       | v     |
| Avol            | Large Signal Voltage Gain (Note 1)    | 4k  | 6k    |     | 1                       | V/V   |
| CMRR            | Common-Mode Rejection Ratio (Note 2)  | 70  | 80    |     | 1                       | ďΒ    |
| v <sub>o</sub>  | Output Voltage Swing                  | ±11 | ±12.5 |     | 7 - 2 <b>1</b> - 3 - 5  | v     |
| I <sub>O</sub>  | Output Current                        |     | ±50   | ±70 | r                       | mA    |
| Is              | Supply Current                        |     | 9.5   | 13  | in a line of the second | mA    |
| PSRR            | Power Supply Rejection Ratio (Note 3) | 60  | 75    |     | 1                       | dΒ    |

Note 1:  $V_O = \pm 10V$ .

Note 2: Two tests are performed.  $V_{CM} = 0V$  to +10V and  $V_{CM} = 0V$  to -10V.

Note 3: Two tests are performed. V + = +15V, and V -is changed from -5V to -15V. V - = -15V, and V +is changed from +5V to +15V.