

**/ Descriptions**

SOP-8 Dual Operational Amplifiers in a SOP-8 Plastic Package.

**/ Features**

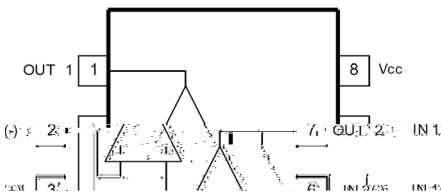
$\pm 4 \sim \pm 18V$

Large common mode and differential voltage range, Gain and phase match between amplifiers, Internally frequency compensated, Low noise input transistors, Operating supply voltage range:  $\pm 4$  to  $\pm 18V$ .

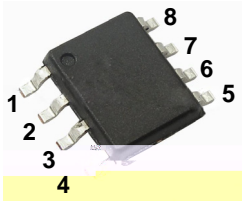
**/ Applications**

Application areas include transducer amplifier, DC gain blocks and all the conventional OP amp circuits.

**/ Equivalent Circuit**



**/ Pinning**



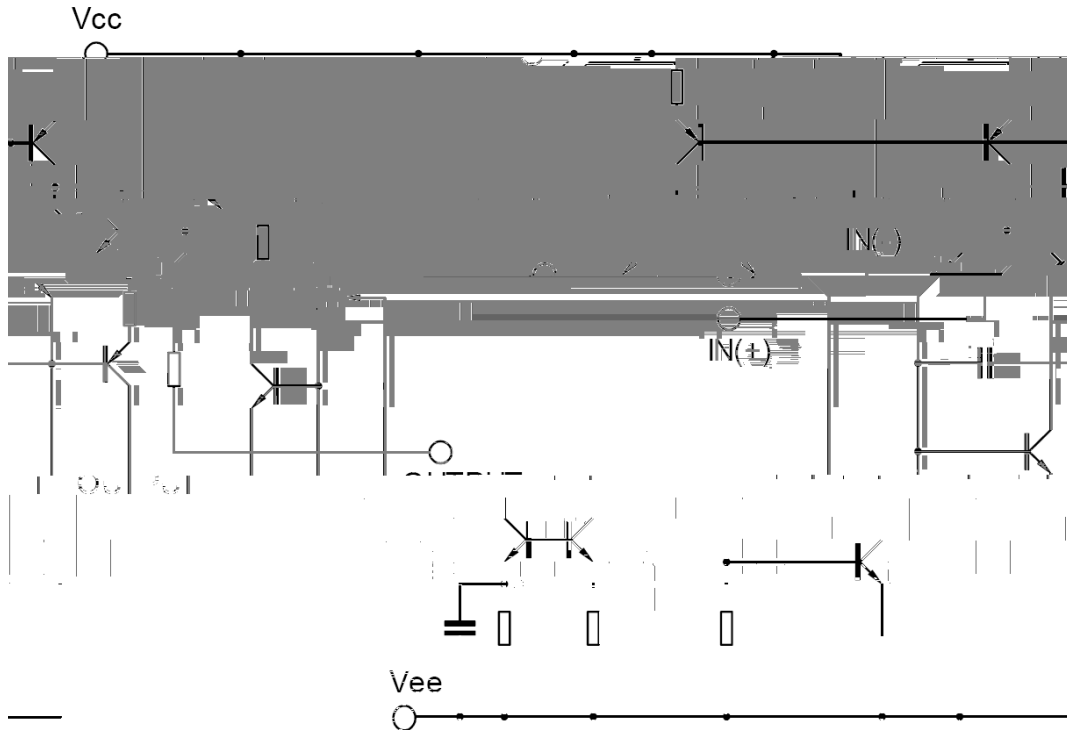
PIN / PIN See Equivalent Circuit.

**/ Marking**

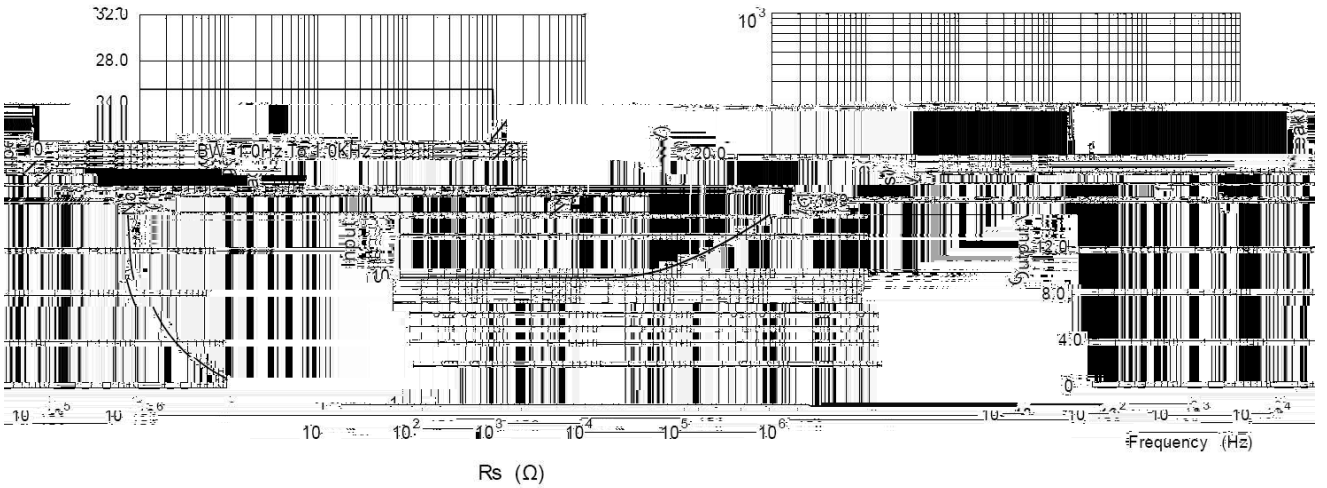
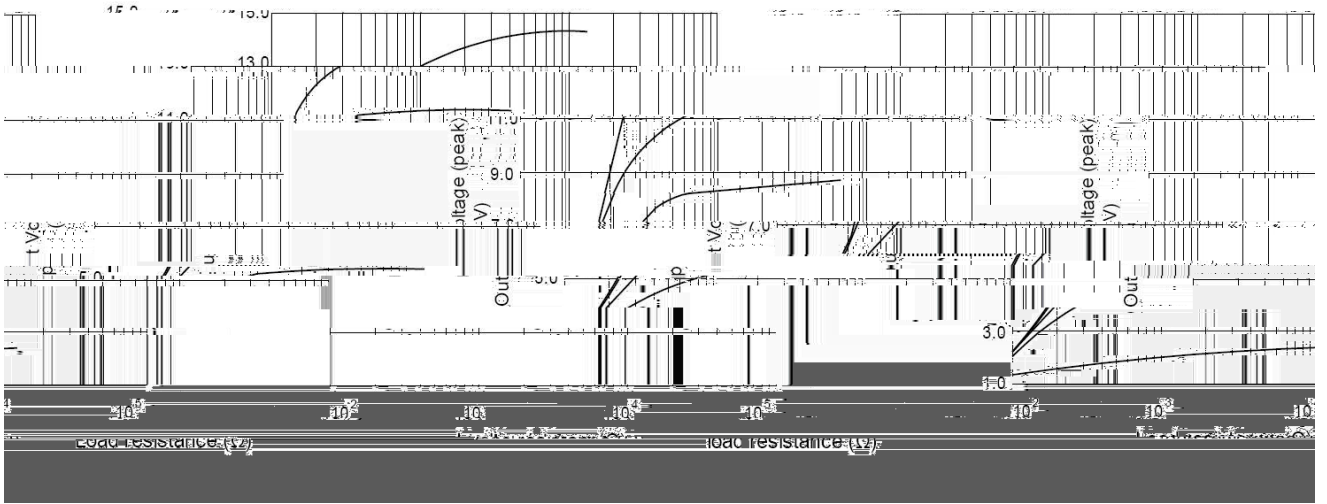
/ See Marking Instructions

|                       |           |           |    |
|-----------------------|-----------|-----------|----|
| Power Dissipation     | $P_D$     | 300       | mW |
| Operating Temperature | $T_{opr}$ | -40 ~ 85  |    |
| Storage Temperature   | $T_{stg}$ | -40 ~ 125 |    |

/ Functional Block Diagram

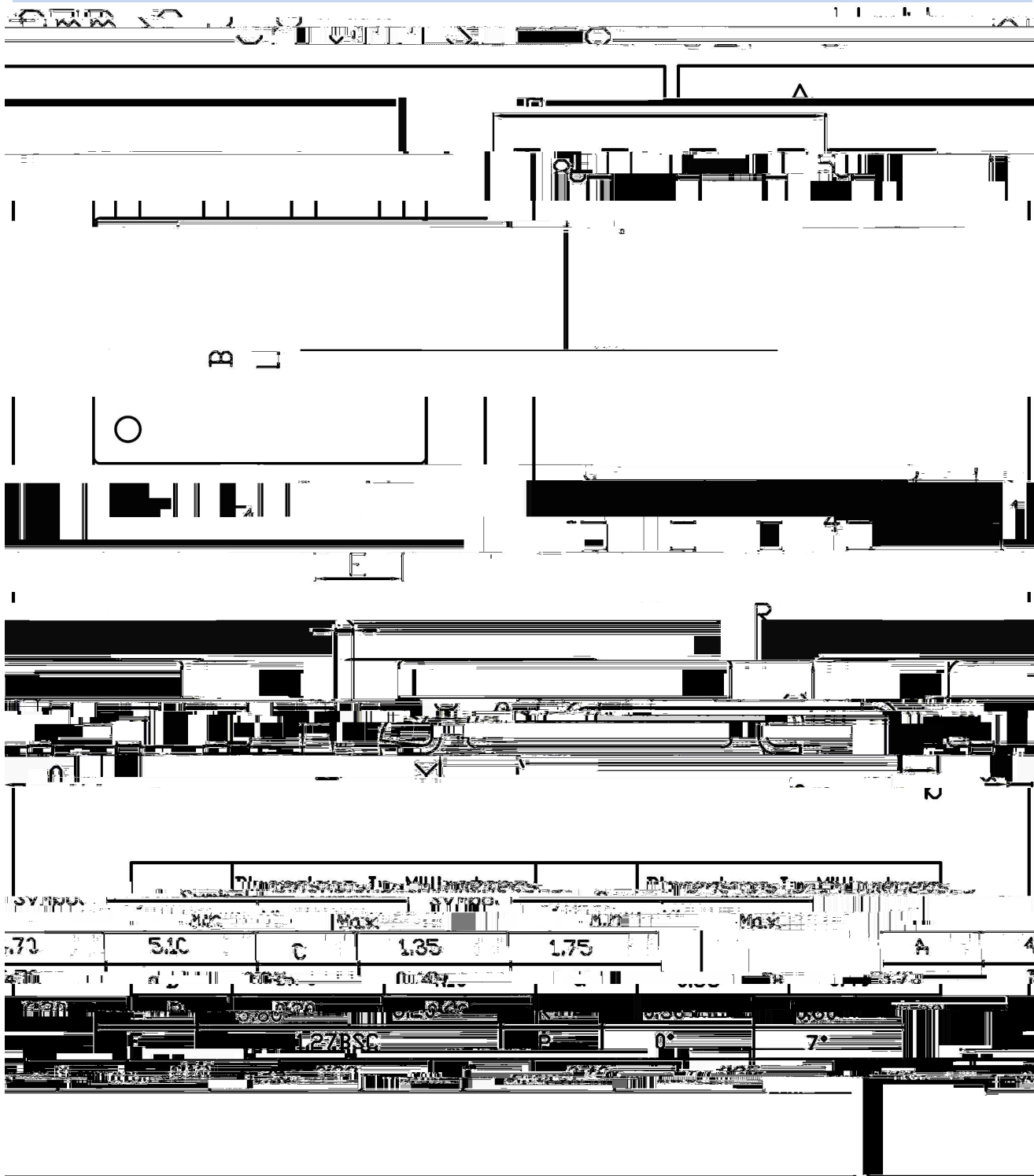


/ Electrical Characteristic Curve

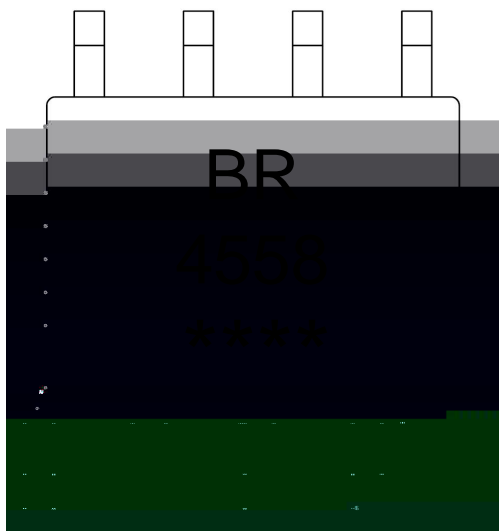




/ Package Dimensions



**/ Marking Instructions**



BR

4558

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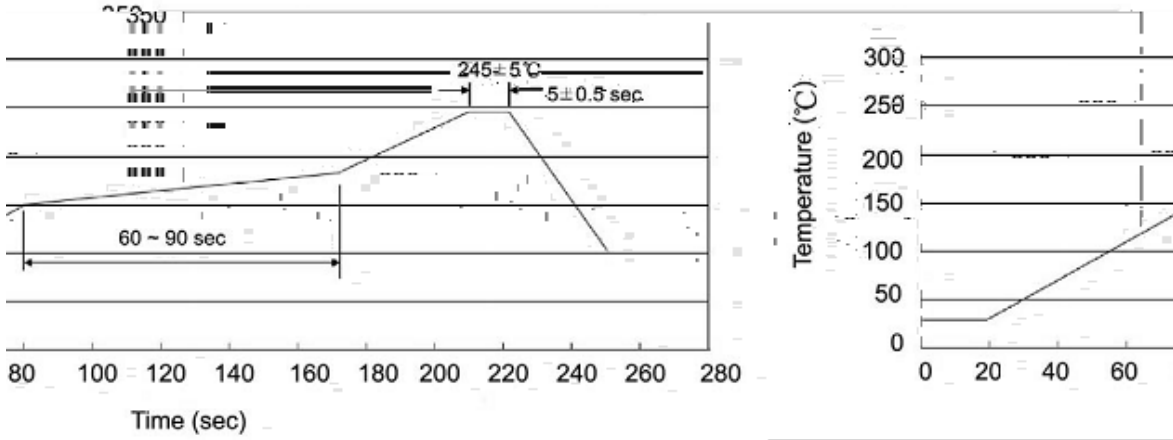
Note:

BR: Company Code.

4558: Product Type.

\*\*\*\*: Lot No. Code, code change with Lot No.

( ) / Temperature Profile for IR Reflow Soldering(Pb-Free)



Note:

- |   |         |           |   |
|---|---------|-----------|---|
| 1 | 150 180 | 60 90sec; | 1.Preheating:150~180 , Time:60~90sec.   |
| 2 | 245±5   | 5±0.5sec; | 2.Peak Temp.:245±5 , Duration:5±0.5sec. |
| 3 | 2 10    | /sec.     | 3. Cooling Speed: 2~10 /sec.            |

/ Resistance to Soldering Heat Test Conditions

260±5                      10±1 sec.                      Temp.:260±5                      Time:10±1 sec

/ Packaging SPEC.

/ REEL

| Package Type<br>封装形式 | Units 包装数量<br> i  0 UAH i | Dimension 包装尺寸 (unit: mm <sup>3</sup> ) |
|----------------------|---------------------------|---|
| 只 卷盘      卷盘盒        |                           |   |