



### Specifications

| Specifications    | Range                               | MS8261     | MS8264     | MS8269    |
|-------------------|-------------------------------------|------------|------------|-----------|
| DC Voltage        | 200mV/2V/20V/200V                   | ±(0.5%+1)  | ±(0.5%+1)  | ±(0.5%+1) |
|                   | 1000V                               | ±(0.8%+2)  | ±(0.8%+2)  | ±(0.8%+2) |
| AC Voltage        | 2V/20V/200V                         | ±(0.8%+3)  | ±(0.8%+3)  | ±(0.8%+3) |
|                   | 750V                                | ±(1.2%+3)  | ±(1.2%+3)  | ±(1.2%+3) |
| DC Current        | 2mA                                 | ±(0.8%+1)  |            |           |
|                   | 20mA/200mA                          | ±(1.5%+1)  | ±(1.5%+1)  |           |
|                   | 200mA                               |            |            | ±(1.5%+1) |
| AC Current        | 10A                                 | ±(2.0%+5)  | ±(2.0%+5)  | ±(2.0%+5) |
|                   | 2mA                                 | ±(1.0%+3)  | ±(1.0%+3)  |           |
|                   | 200mA                               | ±(1.8%+3)  | ±(1.8%+3)  | ±(1.8%+3) |
| Resistance        | 10A                                 | ±(3.0%+7)  | ±(3.0%+7)  | ±(3.0%+7) |
|                   | 200Ω                                | ±(0.8%+3)  | ±(0.8%+3)  | ±(0.8%+3) |
|                   | 2KΩ/20KΩ/200KΩ/2MΩ                  | ±(0.8%+1)  |            | ±(0.8%+1) |
|                   | 20MΩ                                | ±(1.0%+2)  |            | ±(1.0%+2) |
| Capacitance       | 2KΩ/20KΩ/200KΩ/2MΩ/20MΩ             |            | ±(0.8%+1)  |           |
|                   | 200MΩ                               | ±(5.0%+10) | ±(5.0%+10) |           |
|                   | 2nF/20nF/200nF/2μF/20μF             | ±(4%+3)    | ±(4%+3)    |           |
| Frequency         | 20nF/200nF/2μF                      |            |            | ±(4%+8)   |
|                   | 200μF                               |            |            | ±(4%+15)  |
| Inductance        | 0~20KHz                             |            | ±(1.5%+5)  |           |
| Temperature       | 20mH/200mH/2H/20H                   |            |            | ±(3%+8)   |
|                   | -20°C~0°C                           |            |            | ±(5.0%+4) |
|                   | 1°C~400°C                           |            |            | ±(1.0%+3) |
|                   | 401°C~1000°C                        |            |            | ±2%       |
| <b>Features</b>   |                                     |            |            |           |
| Display           | counts                              | 2000       | 2000       | 2000      |
| APO               | Auto Power Off                      | ●          | ●          | ●         |
| Transistor hFE    | 0~1000                              | ●          | ●          | ●         |
| Diode             | 2.7V                                | ●          | ●          | ●         |
| Continuity Buzzer | <50Ω                                | ●          | ●          | ●         |
| Data Hold         |                                     | ●          | ●          | ●         |
| Display Backlight |                                     | ●          | ●          |           |
| LBD               | Low Battery Display                 | ●          | ●          | ●         |
| <b>General</b>    |                                     |            |            |           |
| Power Supply      | 1x9V 6F22 Battery                   |            |            |           |
| Product Size      | 195mm×92mm×55mm/7.7"×3.6"×2.2"      |            |            |           |
| Product Weight    | 380g/0.83lb                         |            |            |           |
| Safety Rating     | CE CAT II 1000V / CAT III 600V RoHS |            |            |           |

● Feature Difference