

定电压非稳压系列

产品特征:

- 工作温度范围: $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$
- 输入电压: $\leq \pm 10\%$
- 输出电压: 5V、9V、12V、15V
- 封装形式: SIP、DIP

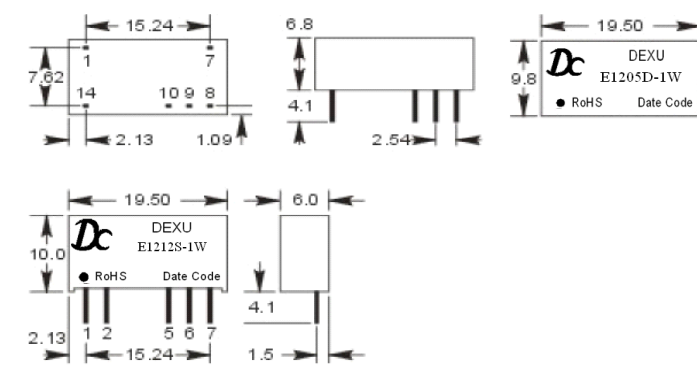
产品参数

| 输出特性 | | | | | |
|--------|------------------------------------|-----|-----------|------------|-----------------------|
| 项目 | 测试条件 | MIN | TYP | MAX | 单位 |
| 线性调整率 | 输入电压变化1% | | ± 1.2 | | % |
| 负载调整率 | 负载从10%到100%变化 | | | ± 20 | |
| 温度漂移系数 | 外部电路请参照推荐电路 | | | ± 0.03 | %/ $^{\circ}\text{C}$ |
| 纹波 | DC-20MHz带宽 输出电压 $\leq 5\text{Vdc}$ | | 50 | 75 | mVp-p |
| 纹波 | DC-20MHz带宽 其他输出电压 | | 70 | 100 | |
| 噪声 | DC-20MHz带宽 输出电压 $\leq 5\text{Vdc}$ | | 70 | 100 | |
| 噪声 | DC-20MHz带宽 其他输出电压 | | 100 | 150 | |
| 开关频率 | 标称输入, 100%负载 | | 100 | | KHz |

| 一般特征 | | | | | |
|------|------|-----|-----|-----|--------------------|
| 项目 | 工作条件 | Min | Typ | Max | 单位 |
| 存储湿度 | | | | 95 | % |
| 工作温度 | | -40 | | 85 | $^{\circ}\text{C}$ |
| 存储温度 | | -55 | | 125 | |


| | | | | | |
|-----------|-------------------|------------------|-----|-----|-----|
| 产品工作时外壳温升 | | | 15 | 25 | ℃ |
| 引脚耐焊接温度 | 焊点距离外壳1.5mm, 10秒 | | | 300 | |
| 冷却方式 | | 自然空冷 | | | |
| 外壳材料 | | 阻燃耐热塑料 (UL94-V0) | | | |
| 平均无故障时间 | TA=25℃ | 350 | | | 万小时 |
| 重量 | | | 2.1 | | 克 |
| 绝缘强度 | 测试时间1分钟, 漏电流小于1mA | 1000/3000 | | | VDC |
| 绝缘电阻 | 绝缘电压500VDC | 1000 | | | MΩ |

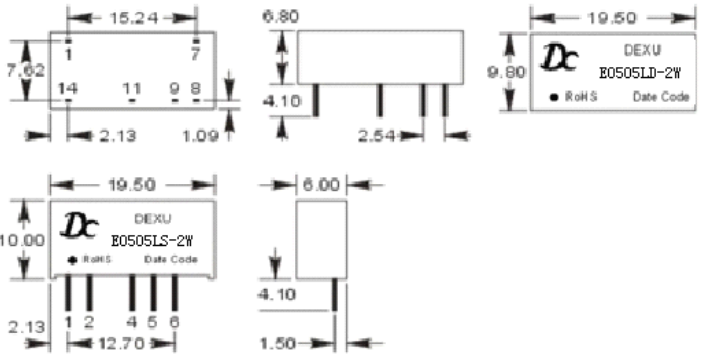
定电压非稳压正负双输出系列:

| 型号 | 隔离电压 | 标称电压 | 输入电压 | 输出电压 | 最大输出电流 | 最小输出电流 | 效率 TYP | 引脚图及尺寸 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------|------------|------------|-----------|------------|-------------|------------|-----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|-----|---|---|---|---|---|-----|-----|-----|-----|----|-----|----|----|---|----|---|---|-----|-----|-----|-----|----|-----|
| | (VDC) | (VDC) | 范围 (VDC) | (VDC) | (mA) | (mA) | (%) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| E0505S/D-1W | 3000V | 5 | 4.5~5.5 | ±5 | ±100 | ±10 | 74 |  <p>注: 所有单位尺寸为mm, 所有相邻端子间距2.54mm, 所有端子直径0.5mm。</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| E0512S/D-1W | | | | ±12 | ±42 | ±4 | 79 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| E0515S/D-1W | | | | ±15 | ±33 | ±3 | 80 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 引脚 | | | | 1 | 2 | 5 | 6 | | | | | | | | | | | | | 7 | | | | | | | | | | | | | | | | | | | | | | | |
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| E1215S/D-1W | ±15 | ±33 | ±3 | 80 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| E1505S/D-1W | 3000V | 15 | 13.5~16.5 | ±5 | ±100 | ±10 | 78 | <table border="1"> <tr> <td>引脚</td> <td>1</td> <td>2</td> <td>5</td> <td>6</td> <td>7</td> </tr> <tr> <td>SIP</td> <td>Vin</td> <td>GND</td> <td>-V0</td> <td>0V</td> <td>+V0</td> </tr> <tr> <td>引脚</td> <td>14</td> <td>1</td> <td>10</td> <td>9</td> <td>8</td> </tr> <tr> <td>DIP</td> <td>Vin</td> <td>GND</td> <td>-V0</td> <td>0V</td> <td>+V0</td> </tr> </table> | | | | | | | | | | | | 引脚 | 1 | 2 | 5 | 6 | 7 | SIP | Vin | GND | -V0 | 0V | +V0 | 引脚 | 14 | 1 | 10 | 9 | 8 | DIP | Vin | GND | -V0 | 0V | +V0 |
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| SIP | | | | Vin | GND | -V0 | 0V | | | | | | | +V0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| DIP | Vin | GND | -V0 | 0V | +V0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| E1512S/D-1W | ±12 | ±42 | ±4 | 80 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| E1515S/D-1W | ±15 | ±33 | ±3 | 81 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| E2405S/D-1W | 3000V | 24 | 21.6~26.4 | ±5 | ±100 | ±10 | 77 | | | | | | | <table border="1"> <tr> <td>引脚</td> <td>1</td> <td>2</td> <td>5</td> <td>6</td> <td>7</td> </tr> <tr> <td>SIP</td> <td>Vin</td> <td>GND</td> <td>-V0</td> <td>0V</td> <td>+V0</td> </tr> <tr> <td>引脚</td> <td>14</td> <td>1</td> <td>10</td> <td>9</td> <td>8</td> </tr> <tr> <td>DIP</td> <td>Vin</td> <td>GND</td> <td>-V0</td> <td>0V</td> <td>+V0</td> </tr> </table> | | | | | | 引脚 | 1 | 2 | 5 | 6 | 7 | SIP | Vin | GND | -V0 | 0V | +V0 | 引脚 | 14 | 1 | 10 | 9 | 8 | DIP | Vin | GND | -V0 | 0V | +V0 |
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| SIP | | | | Vin | GND | -V0 | 0V | +V0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| DIP | Vin | GND | -V0 | 0V | +V0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| E2415S/D-1W | ±15 | ±33 | ±3 | 80 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| 型号 | 隔离电压 | 标称电压 | 输入电压 | 输出电压 | 最大输出电流 | 最小输出电流 | 效率 | 引脚图及尺寸 | | | | | |
|--------------------|-------|-------|-----------|------------|-------------|------------|-----------|---------------------------------------------------|-----|-----|-----|----|-----|
| | (VDC) | (VDC) | 范围 (VDC) | (VDC) | (mA) | (mA) | (%) | | | | | | |
| E0505S/D-2W | 3000V | 5 | 4.5~5.5 | ±5 | ±200 | ±20 | 76 | <p>注：所有单位尺寸为mm，所有相邻端子间距2.54mm 所有端子直径0.5mm</p> | | | | | |
| E0512S/D-2W | | | | ±12 | ±83 | ±8 | 80 | | | | | | |
| E0515S/D-2W | | | | ±15 | ±66 | ±6 | 81 | | | | | | |
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| E2415S/D-2W | | | | ±15 | ±66 | ±6 | 80 | DIP | Vin | GND | -VO | 0V | +VO |

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|----------------------|-------|-------|-----------|------------|-------------|------------|-----------|---------------------------------------------------|
| | (VDC) | (VDC) | 范围 (VDC) | (VDC) | (mA) | (mA) | TYP (%) | |
| E0505LS/LD-1W | 3000V | 5 | 4.5~5.5 | ±5 | ±100 | ±10 | 74 | <p>注：所有单位尺寸为mm，所有相邻端子间距2.54mm 所有端子直径0.5mm</p> |
| E0512LS/LD-1W | | | | ±12 | ±42 | ±4 | 79 | |
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| E1515LS/LD-1W | | | | ±15 | ±33 | ±3 | 81 | | | | | | |
| E2405LS/LD-1W | 3000V | 24 | 21.6~26.4 | ±5 | ±100 | ±10 | 77 | SIP | Vin | GND | -VO | 0V | +VO |
| E2412LS/LD-1W | | | | ±12 | ±42 | ±4 | 79 | 引脚 | 14 | 1 | 8 | 9 | 11 |
| E2415LS/LD-1W | | | | ±15 | ±33 | ±3 | 80 | DIP | Vin | GND | 0V | +VO | -VO |

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| E0515LS/LD-2W | | | | ±15 | ±66 | ±6 | 81 | | | | | | |
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| E1212LS/LD-2W | | | | ±12 | ±83 | ±8 | 82 | SIP | Vin | GND | -VO | 0V | +VO |
| E1215LS/LD-2W | | | | ±15 | ±66 | ±6 | 82 | 引脚 | 1 | 14 | 8 | 9 | 11 |
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| | (VDC) | (VDC) | 范围 (VDC) | (VDC) | (mA) | (mA) | (%) | 引脚图及尺寸 | | | | | | | | | | | |
|-------------------|-------|-------|-----------|------------|-------------|------------|-----------|-----------------------------------------------------|--|--|--|--|--|-----|-----|-----|-----|----|-----|
| E0505MS-1W | 3000V | 5 | 4.5~5.5 | ±5 | ±100 | ±10 | 74 | <p>注: 所有单位尺寸为mm, 所有相邻端子间距2.54mm 所有端子直径0.5mm</p> | | | | | | | | | | | |
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