

TEST DATA OF MUS100515

Regulated DC Power Supply
July 3, 2025

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Design Manager

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Design Engineer

COSEL CO.,LTD.

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| Model | | MUS100515 | Temperature 25°C Testing Circuitry Figure A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------|--------------------|--|---|--|------------------|-------------------|--|--|--------------------|------------------|------------------|------|-------|-------|-------|------|-------|-------|-------|------|-------|-------|-------|------|-------|-------|-------|------|-------|-------|-------|------|-------|-------|-------|------|-------|-------|-------|----|---|---|---|----|---|---|---|----|---|---|---|----|---|---|---|
| Item | | Input Current (by Load Current) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Object | | _____ | 2.Values | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1.Graph | | <div><div>—△—</div>Input Volt. 4.5V</div> <div><div>---□---</div>Input Volt. 5V</div> <div><div>-·-○-·-</div>Input Volt. 9V</div> <p>Note: Slanted line shows the range of the rated load current.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | <table><tr><th rowspan="2">Load Current [A]</th><th colspan="3">Input Current [A]</th></tr><tr><th>Input Volt. 4.5[V]</th><th>Input Volt. 5[V]</th><th>Input Volt. 9[V]</th></tr><tr><td>0.00</td><td>0.054</td><td>0.052</td><td>0.036</td></tr><tr><td>0.14</td><td>0.565</td><td>0.506</td><td>0.290</td></tr><tr><td>0.28</td><td>1.077</td><td>0.963</td><td>0.545</td></tr><tr><td>0.42</td><td>1.614</td><td>1.469</td><td>0.799</td></tr><tr><td>0.56</td><td>2.151</td><td>1.953</td><td>1.060</td></tr><tr><td>0.70</td><td>2.778</td><td>2.446</td><td>1.336</td></tr><tr><td>0.77</td><td>3.030</td><td>2.727</td><td>1.475</td></tr><tr><td>--</td><td>-</td><td>-</td><td>-</td></tr><tr><td>--</td><td>-</td><td>-</td><td>-</td></tr><tr><td>--</td><td>-</td><td>-</td><td>-</td></tr><tr><td>--</td><td>-</td><td>-</td><td>-</td></tr></table> | | Load Current [A] | Input Current [A] | | | Input Volt. 4.5[V] | Input Volt. 5[V] | Input Volt. 9[V] | 0.00 | 0.054 | 0.052 | 0.036 | 0.14 | 0.565 | 0.506 | 0.290 | 0.28 | 1.077 | 0.963 | 0.545 | 0.42 | 1.614 | 1.469 | 0.799 | 0.56 | 2.151 | 1.953 | 1.060 | 0.70 | 2.778 | 2.446 | 1.336 | 0.77 | 3.030 | 2.727 | 1.475 | -- | - | - | - | -- | - | - | - | -- | - | - | - | -- | - | - | - |
| Load Current [A] | Input Current [A] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Input Volt. 4.5[V] | Input Volt. 5[V] | Input Volt. 9[V] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0.00 | 0.054 | 0.052 | 0.036 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0.14 | 0.565 | 0.506 | 0.290 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0.28 | 1.077 | 0.963 | 0.545 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0.42 | 1.614 | 1.469 | 0.799 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0.56 | 2.151 | 1.953 | 1.060 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0.70 | 2.778 | 2.446 | 1.336 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0.77 | 3.030 | 2.727 | 1.475 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| -- | - | - | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| -- | - | - | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| -- | - | - | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| <div>LOREL</div> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|------------------------------|--|------------------|------------------|----------------|--|--|--------------------|------------------|------------------|------|---|---|---|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----|---|---|---|----|---|---|---|----|---|---|---|----|---|---|---|
| Model | MUS100515 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Item | Efficiency (by Load Current) | Temperature | 25°C | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Testing Circuitry | Figure A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Object | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1.Graph | | 2.Values | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <div><div><div>—△—</div><div>Input Volt.</div><div>4.5V</div></div><div><div>---□---</div><div>Input Volt.</div><div>5V</div></div><div><div>-·-○-·-</div><div>Input Volt.</div><div>9V</div></div></div> <div><div><div>Efficiency [%]</div><div>100</div><div>90</div><div>80</div><div>70</div><div>60</div></div><div><div>0.0</div><div>0.2</div><div>0.4</div><div>0.6</div><div>0.8</div><div>1.0</div></div><div><div>0.14</div><div>0.28</div><div>0.42</div><div>0.56</div><div>0.70</div><div>0.77</div></div><div><div>0.00</div><div>0.14</div><div>0.28</div><div>0.42</div><div>0.56</div><div>0.70</div><div>0.77</div><div>--</div><div>--</div><div>--</div><div>--</div></div><div><div>83.8</div><div>87.8</div><div>87.4</div><div>86.8</div><div>85.6</div><div>85.1</div><div>-</div><div>-</div><div>-</div><div>-</div></div><div><div>84.0</div><div>87.8</div><div>87.6</div><div>87.3</div><div>86.7</div><div>86.2</div><div>-</div><div>-</div><div>-</div><div>-</div></div><div><div>80.6</div><div>86.5</div><div>88.9</div><div>88.8</div><div>88.5</div><div>88.3</div><div>-</div><div>-</div><div>-</div><div>-</div></div></div> <div><div>Load Current [A]</div><div>Note: Slanted line shows the range of the rated load current.</div></div> | | <table><tr><th rowspan="2">Load Current [A]</th><th colspan="3">Efficiency [%]</th></tr><tr><th>Input Volt. 4.5[V]</th><th>Input Volt. 5[V]</th><th>Input Volt. 9[V]</th></tr><tr><td>0.00</td><td>-</td><td>-</td><td>-</td></tr><tr><td>0.14</td><td>83.8</td><td>84.0</td><td>80.6</td></tr><tr><td>0.28</td><td>87.8</td><td>87.8</td><td>86.5</td></tr><tr><td>0.42</td><td>87.4</td><td>87.6</td><td>88.9</td></tr><tr><td>0.56</td><td>86.8</td><td>87.3</td><td>88.8</td></tr><tr><td>0.70</td><td>85.6</td><td>86.7</td><td>88.5</td></tr><tr><td>0.77</td><td>85.1</td><td>86.2</td><td>88.3</td></tr><tr><td>--</td><td>-</td><td>-</td><td>-</td></tr><tr><td>--</td><td>-</td><td>-</td><td>-</td></tr><tr><td>--</td><td>-</td><td>-</td><td>-</td></tr><tr><td>--</td><td>-</td><td>-</td><td>-</td></tr></table> | | Load Current [A] | Efficiency [%] | | | Input Volt. 4.5[V] | Input Volt. 5[V] | Input Volt. 9[V] | 0.00 | - | - | - | 0.14 | 83.8 | 84.0 | 80.6 | 0.28 | 87.8 | 87.8 | 86.5 | 0.42 | 87.4 | 87.6 | 88.9 | 0.56 | 86.8 | 87.3 | 88.8 | 0.70 | 85.6 | 86.7 | 88.5 | 0.77 | 85.1 | 86.2 | 88.3 | -- | - | - | - | -- | - | - | - | -- | - | - | - | -- | - | - | - |
| Load Current [A] | Efficiency [%] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Input Volt. 4.5[V] | Input Volt. 5[V] | Input Volt. 9[V] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0.00 | - | - | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0.14 | 83.8 | 84.0 | 80.6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0.28 | 87.8 | 87.8 | 86.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0.42 | 87.4 | 87.6 | 88.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0.56 | 86.8 | 87.3 | 88.8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0.70 | 85.6 | 86.7 | 88.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0.77 | 85.1 | 86.2 | 88.3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| -- | - | - | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| -- | - | - | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| -- | - | - | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| -- | - | - | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

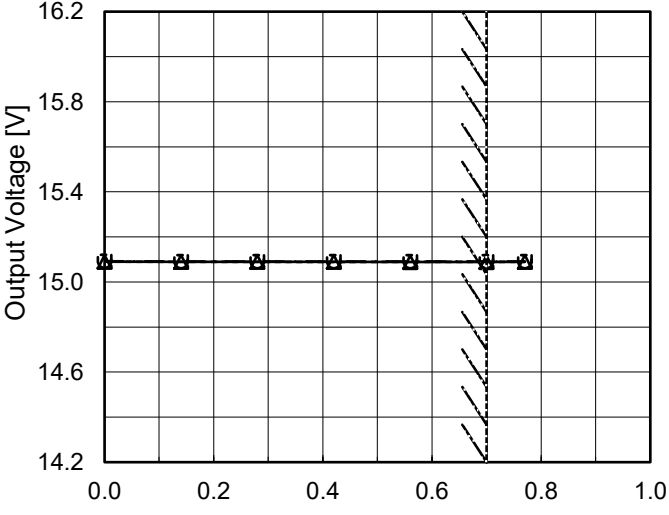
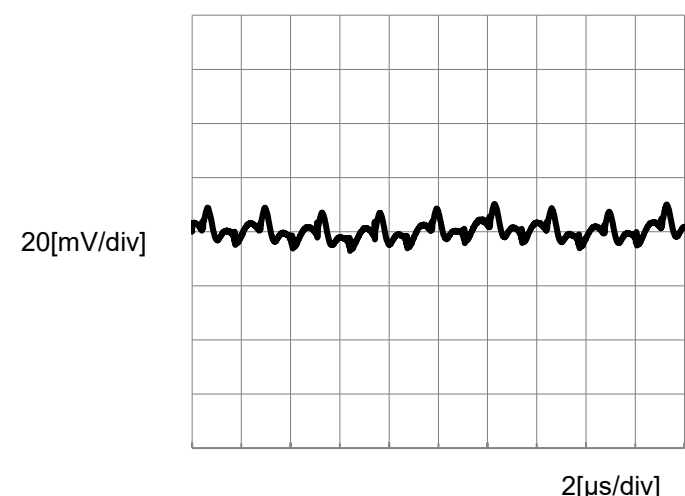
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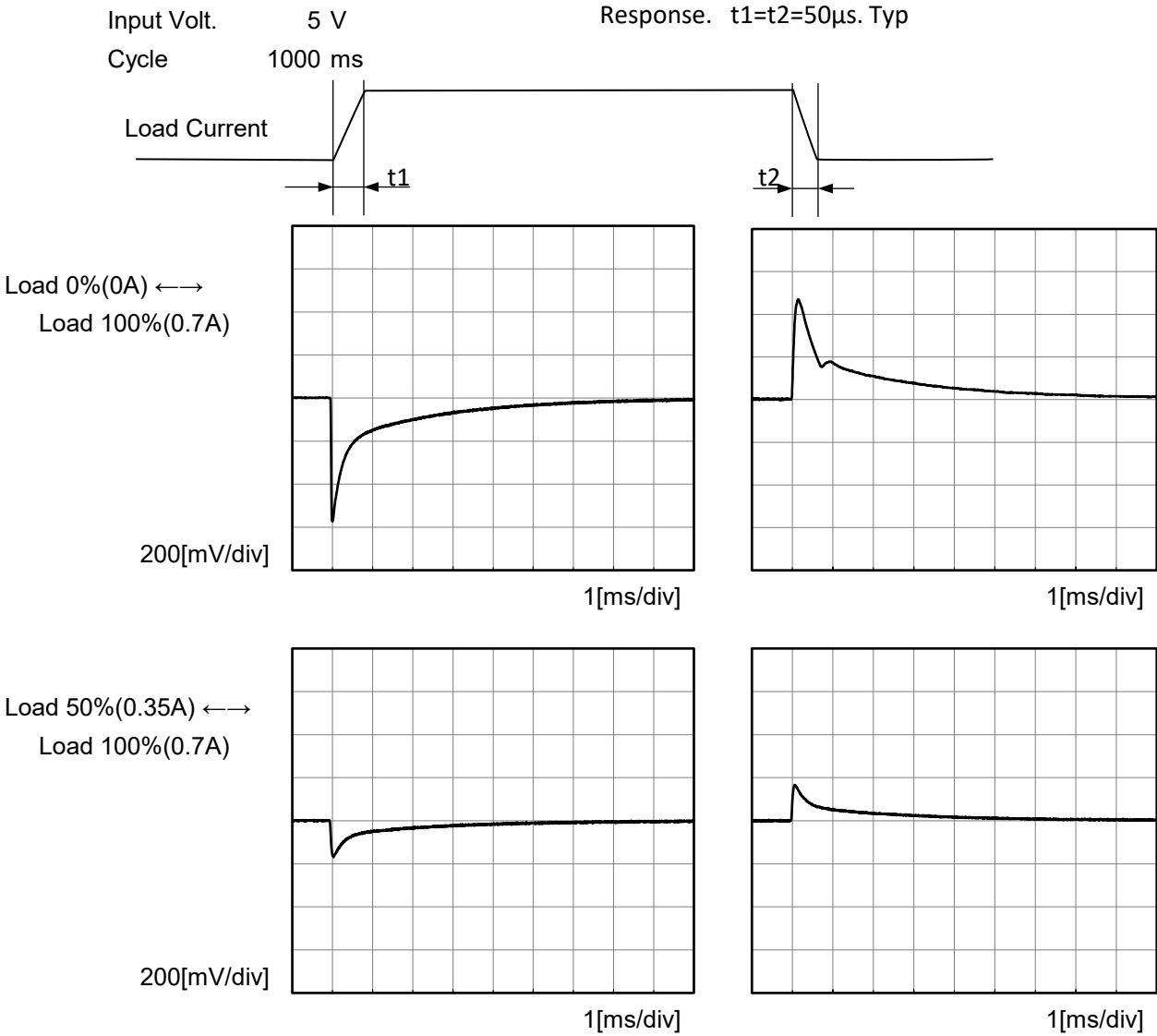
| <div>LOVEL</div> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|--------------------|--|----------|-------------------|--------------------|--|----------|-----------|-----|--------|--------|-----|--------|--------|-----|--------|--------|-----|--------|--------|-----|--------|--------|-----|--------|--------|-----|--------|--------|------|--------|--------|----|---|---|
| Model | MUS100515 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Item | Line Regulation | Temperature | 25°C | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Object | +15V0.7A | Testing Circuitry | Figure A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1.Graph | | 2.Values | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <div><div><div><div><div></div><div></div></div><div></div></div><div><div><div></div><div></div></div><div></div></div></div><div><div>Load 50%</div><div>Load 100%</div></div></div> <div><div><div>Output Voltage [V]</div><div>16.2</div><div>15.8</div><div>15.4</div><div>15.0</div><div>14.6</div><div>14.2</div></div><div><div>3</div><div>5</div><div>7</div><div>9</div><div>11</div></div><div><div>Input Voltage [V]</div></div></div> <div><div>Note: Slanted line shows the range of the rated input voltage.</div></div> | | <table><tr><th rowspan="2">Input Voltage [V]</th><th colspan="2">Output Voltage [V]</th></tr><tr><th>Load 50%</th><th>Load 100%</th></tr><tr><td>4.0</td><td>15.088</td><td>15.088</td></tr><tr><td>4.5</td><td>15.089</td><td>15.089</td></tr><tr><td>5.0</td><td>15.089</td><td>15.089</td></tr><tr><td>6.0</td><td>15.090</td><td>15.090</td></tr><tr><td>7.0</td><td>15.091</td><td>15.091</td></tr><tr><td>8.0</td><td>15.091</td><td>15.091</td></tr><tr><td>9.0</td><td>15.091</td><td>15.091</td></tr><tr><td>10.0</td><td>15.091</td><td>15.091</td></tr><tr><td>--</td><td>-</td><td>-</td></tr></table> | | Input Voltage [V] | Output Voltage [V] | | Load 50% | Load 100% | 4.0 | 15.088 | 15.088 | 4.5 | 15.089 | 15.089 | 5.0 | 15.089 | 15.089 | 6.0 | 15.090 | 15.090 | 7.0 | 15.091 | 15.091 | 8.0 | 15.091 | 15.091 | 9.0 | 15.091 | 15.091 | 10.0 | 15.091 | 15.091 | -- | - | - |
| Input Voltage [V] | Output Voltage [V] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Load 50% | Load 100% | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4.0 | 15.088 | 15.088 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4.5 | 15.089 | 15.089 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5.0 | 15.089 | 15.089 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6.0 | 15.090 | 15.090 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7.0 | 15.091 | 15.091 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8.0 | 15.091 | 15.091 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9.0 | 15.091 | 15.091 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10.0 | 15.091 | 15.091 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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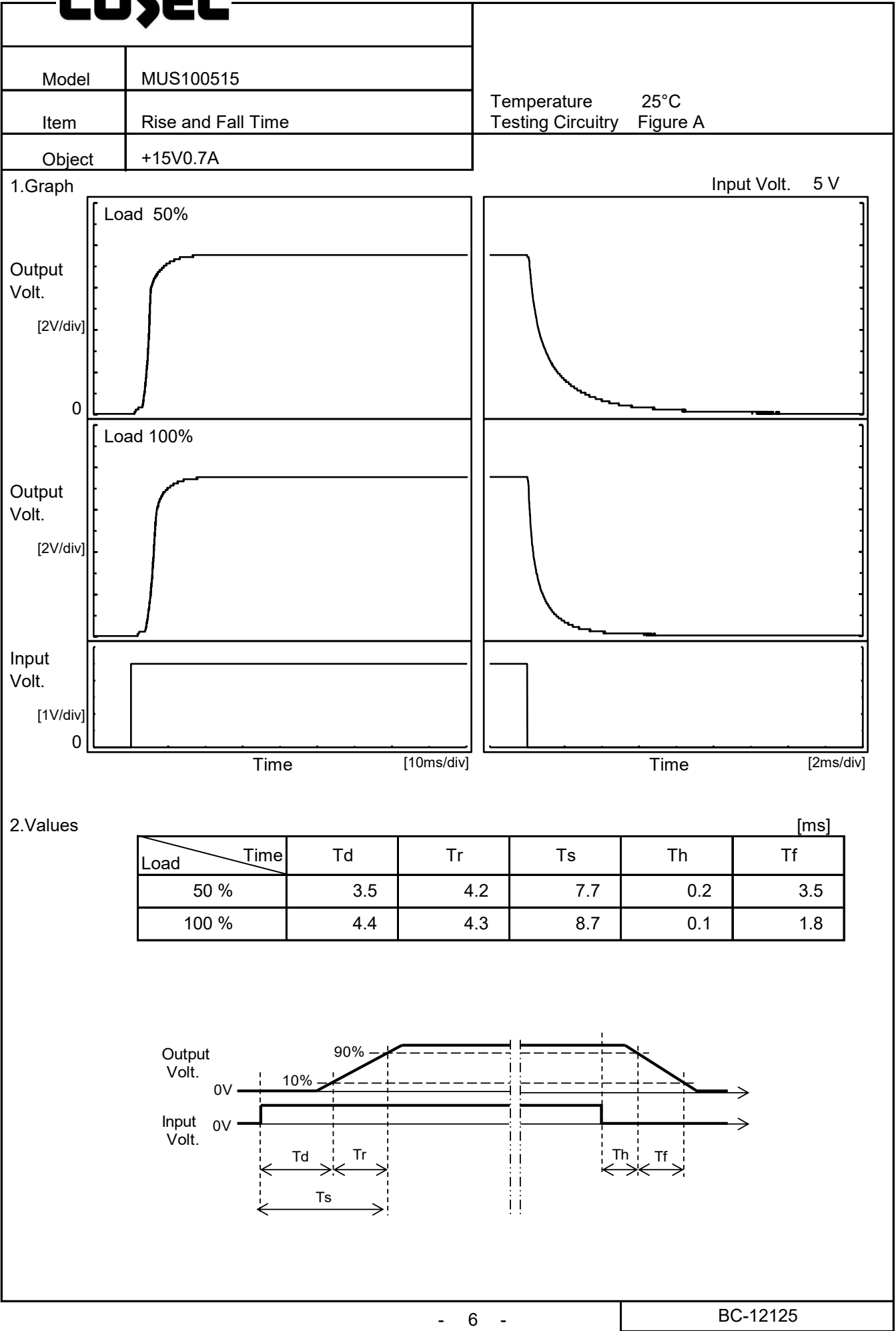
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| Object | +15V0.7A | Testing Circuitry | Figure A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1.Graph | | 2.Values | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <div><div><div>—△—</div><div>Input Volt.</div><div>4.5V</div></div><div><div>---□---</div><div>Input Volt.</div><div>5V</div></div><div><div>-·-○-·-</div><div>Input Volt.</div><div>9V</div></div></div>  <p>Note: Slanted line shows the range of the rated load current.</p> | | <table><tr><th rowspan="2">Load Current [A]</th><th colspan="3">Output Voltage [V]</th></tr><tr><th>Input Volt. 4.5[V]</th><th>Input Volt. 5[V]</th><th>Input Volt. 9[V]</th></tr><tr><td>0.00</td><td>15.090</td><td>15.090</td><td>15.092</td></tr><tr><td>0.14</td><td>15.089</td><td>15.090</td><td>15.091</td></tr><tr><td>0.28</td><td>15.089</td><td>15.089</td><td>15.091</td></tr><tr><td>0.42</td><td>15.089</td><td>15.089</td><td>15.091</td></tr><tr><td>0.56</td><td>15.089</td><td>15.089</td><td>15.091</td></tr><tr><td>0.70</td><td>15.089</td><td>15.089</td><td>15.091</td></tr><tr><td>0.77</td><td>15.089</td><td>15.089</td><td>15.091</td></tr><tr><td>--</td><td>--</td><td>--</td><td>--</td></tr><tr><td>--</td><td>--</td><td>--</td><td>--</td></tr><tr><td>--</td><td>--</td><td>--</td><td>--</td></tr><tr><td>--</td><td>--</td><td>--</td><td>--</td></tr></table> | | Load Current [A] | Output Voltage [V] | | | Input Volt. 4.5[V] | Input Volt. 5[V] | Input Volt. 9[V] | 0.00 | 15.090 | 15.090 | 15.092 | 0.14 | 15.089 | 15.090 | 15.091 | 0.28 | 15.089 | 15.089 | 15.091 | 0.42 | 15.089 | 15.089 | 15.091 | 0.56 | 15.089 | 15.089 | 15.091 | 0.70 | 15.089 | 15.089 | 15.091 | 0.77 | 15.089 | 15.089 | 15.091 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
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| | Input Volt. 4.5[V] | Input Volt. 5[V] | Input Volt. 9[V] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0.00 | 15.090 | 15.090 | 15.092 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0.14 | 15.089 | 15.090 | 15.091 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0.28 | 15.089 | 15.089 | 15.091 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0.42 | 15.089 | 15.089 | 15.091 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0.56 | 15.089 | 15.089 | 15.091 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0.70 | 15.089 | 15.089 | 15.091 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0.77 | 15.089 | 15.089 | 15.091 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| -- | -- | -- | -- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| -- | -- | -- | -- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| -- | -- | -- | -- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| -- | -- | -- | -- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Item | Ripple-Noise | Temperature | 25°C | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Object | +15V0.7A | Testing Circuitry | Figure B | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1.Graph | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <div><div>Input Voltage</div><div>5V</div><div>Load</div><div>100%</div></div>  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



| | | | |
|--------|--|-----------------------|--|
| Model | | MUS100515 | Temperature 25°C Testing Circuitry Figure A |
| Item | | Dynamic Load Response | |
| Object | | +15V0.7A | |





COSEL

| Model | | MUS100515 | Temperature | | 25°C | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--------------------|------------------------|--|--|----------|--------------------|------------------|--|--|--------------------|------------------|------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----|------|------|------|-----|------|------|------|-----|------|------|------|-----|------|------|------|-----|------|------|------|-----|------|------|------|-----|------|------|------|----|---|---|---|
| Item | | Overcurrent Protection | Testing Circuitry | | Figure A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Object | | +15V0.7A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1.Graph | | | 2.Values | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <div><div><div></div><div>Input Volt. 4.5V</div></div><div><div></div><div>Input Volt. 5V</div></div><div><div></div><div>Input Volt. 9V</div></div></div> <p>Note: Slanted line shows the range of the rated load current.</p> | | | <table><tr><th rowspan="2">Output Voltage [V]</th><th colspan="3">Load Current [A]</th></tr><tr><th>Input Volt. 4.5[V]</th><th>Input Volt. 5[V]</th><th>Input Volt. 9[V]</th></tr><tr><td>14.3</td><td>0.88</td><td>0.92</td><td>1.06</td></tr><tr><td>13.5</td><td>0.91</td><td>0.96</td><td>1.10</td></tr><tr><td>12.0</td><td>0.99</td><td>1.04</td><td>1.19</td></tr><tr><td>10.5</td><td>1.08</td><td>1.13</td><td>1.29</td></tr><tr><td>9.0</td><td>1.17</td><td>1.22</td><td>1.32</td></tr><tr><td>7.5</td><td>1.23</td><td>1.27</td><td>1.30</td></tr><tr><td>6.0</td><td>1.27</td><td>1.31</td><td>1.25</td></tr><tr><td>4.5</td><td>1.33</td><td>1.35</td><td>1.19</td></tr><tr><td>3.0</td><td>1.47</td><td>1.45</td><td>1.14</td></tr><tr><td>1.5</td><td>1.73</td><td>1.72</td><td>1.17</td></tr><tr><td>0.0</td><td>2.46</td><td>2.45</td><td>1.73</td></tr><tr><td>--</td><td>-</td><td>-</td><td>-</td></tr></table> | | | Output Voltage [V] | Load Current [A] | | | Input Volt. 4.5[V] | Input Volt. 5[V] | Input Volt. 9[V] | 14.3 | 0.88 | 0.92 | 1.06 | 13.5 | 0.91 | 0.96 | 1.10 | 12.0 | 0.99 | 1.04 | 1.19 | 10.5 | 1.08 | 1.13 | 1.29 | 9.0 | 1.17 | 1.22 | 1.32 | 7.5 | 1.23 | 1.27 | 1.30 | 6.0 | 1.27 | 1.31 | 1.25 | 4.5 | 1.33 | 1.35 | 1.19 | 3.0 | 1.47 | 1.45 | 1.14 | 1.5 | 1.73 | 1.72 | 1.17 | 0.0 | 2.46 | 2.45 | 1.73 | -- | - | - | - |
| Output Voltage [V] | Load Current [A] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Input Volt. 4.5[V] | Input Volt. 5[V] | Input Volt. 9[V] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14.3 | 0.88 | 0.92 | 1.06 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13.5 | 0.91 | 0.96 | 1.10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12.0 | 0.99 | 1.04 | 1.19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10.5 | 1.08 | 1.13 | 1.29 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9.0 | 1.17 | 1.22 | 1.32 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7.5 | 1.23 | 1.27 | 1.30 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6.0 | 1.27 | 1.31 | 1.25 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4.5 | 1.33 | 1.35 | 1.19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3.0 | 1.47 | 1.45 | 1.14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1.5 | 1.73 | 1.72 | 1.17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0.0 | 2.46 | 2.45 | 1.73 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| -- | - | - | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



| | | | |
|--|---|-------------------------------|-------------------|
| | | Testing Circuitry Figure A | |
| Model | MUS100515 | | |
| Item | Ambient Temperature Drift | | |
| Object | +15V0.7A | | |
| 1.Values Load 100% | | | |
| Ambient Temperature[°C] | Output Voltage [V] | | |
| | Input Volt. 4.5V | Input Volt. 5V | Input Volt. 9V |
| -40 | 14.992 | 14.993 | 14.995 |
| 25 | 15.089 | 15.089 | 15.091 |
| 85 | 15.111 | 15.112 | 15.115 |
| | | | |
| Item | Minimum Input Voltage for Regulated Output Voltage | Testing Circuitry Figure A | |
| Object | +15V0.7A | | |
| 1.Values | | | |
| Ambient Temperature[°C] | Input Voltage [V] | | |
| | Load 50% | Load 100% | |
| -40 | 3.1 | 3.1 | |
| 25 | 3.1 | 3.1 | |
| 85 | 3.1 | 3.0 | |

- 8 -

BC-12125

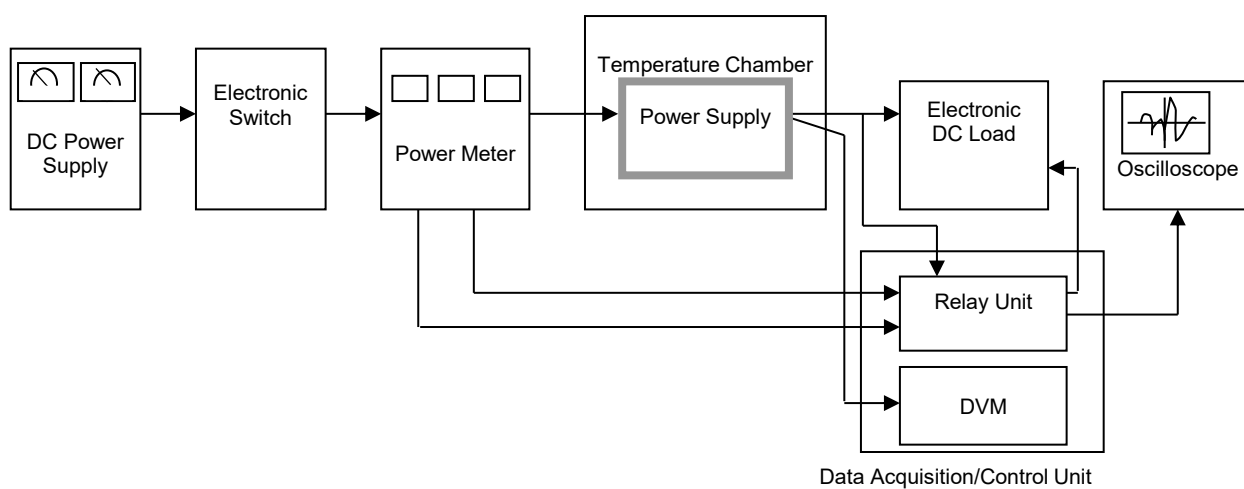


Figure A

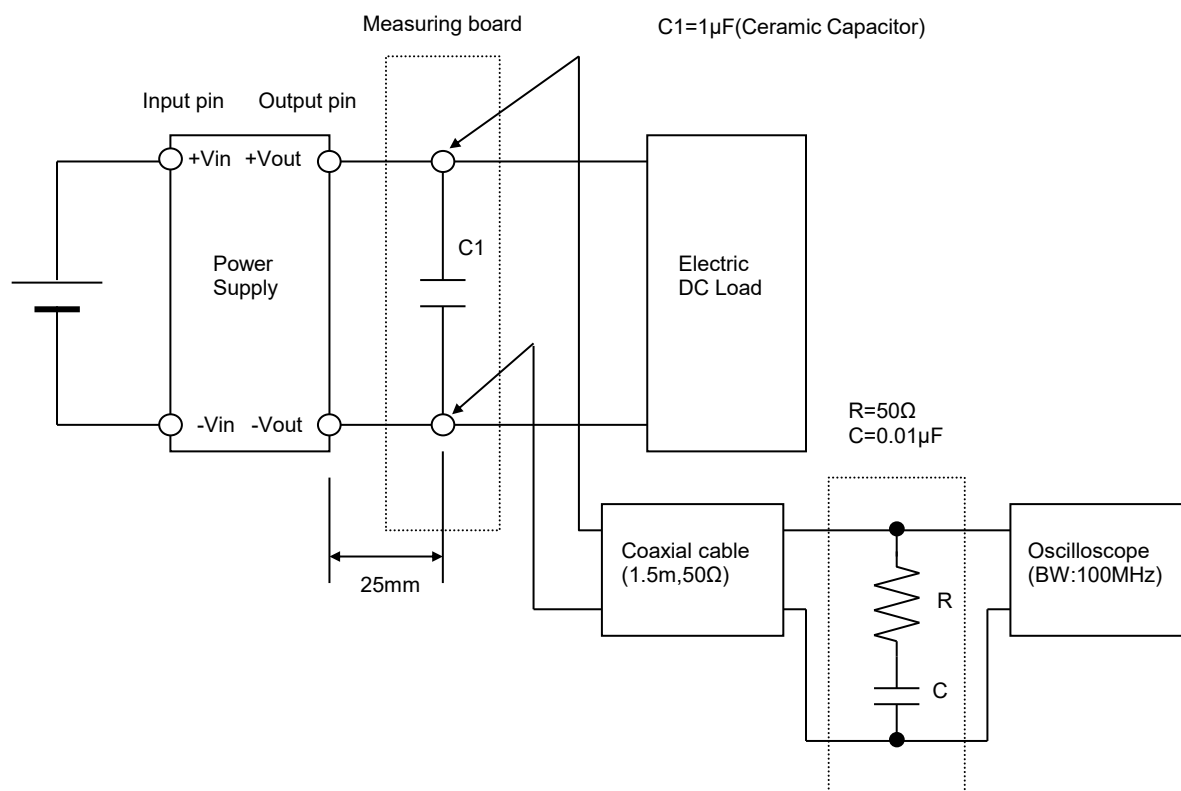


Figure B