

# TEST DATA OF MUS62405

Regulated DC Power Supply  
May.8. 2025

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Design Manager

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Design Engineer

**COSEL CO.,LTD.**

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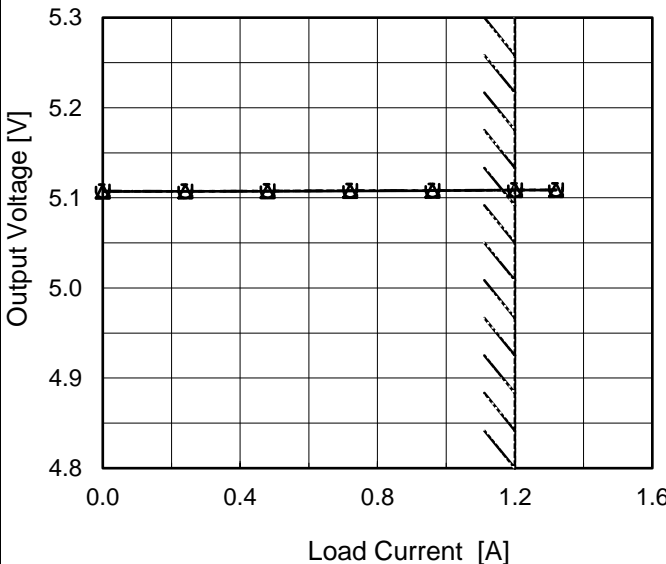
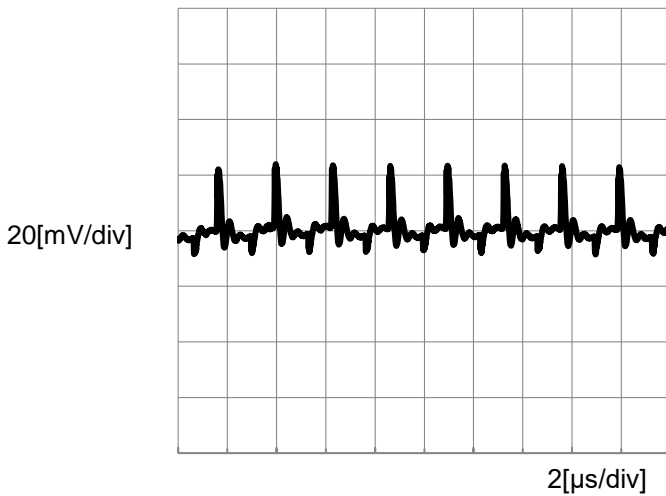
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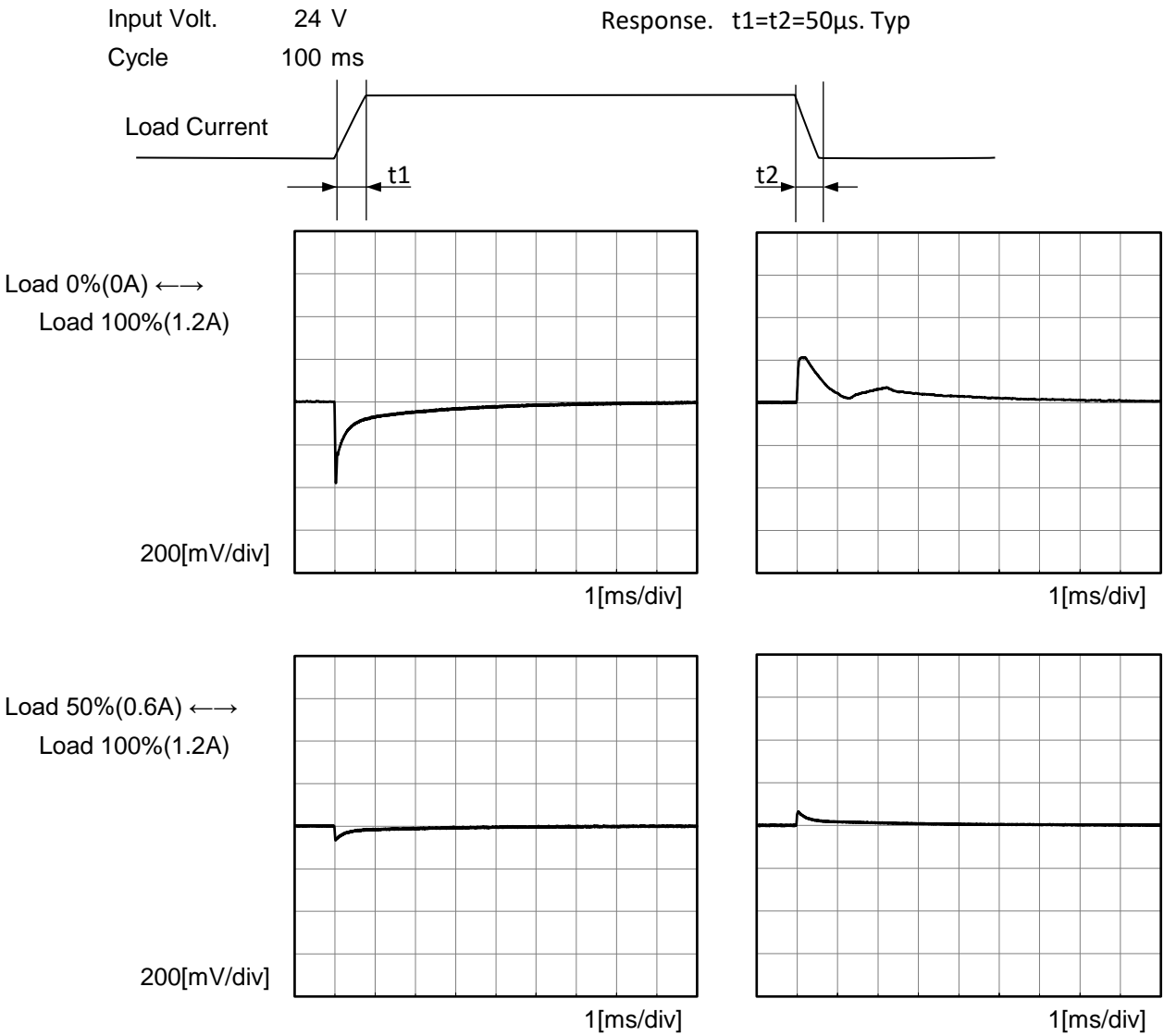
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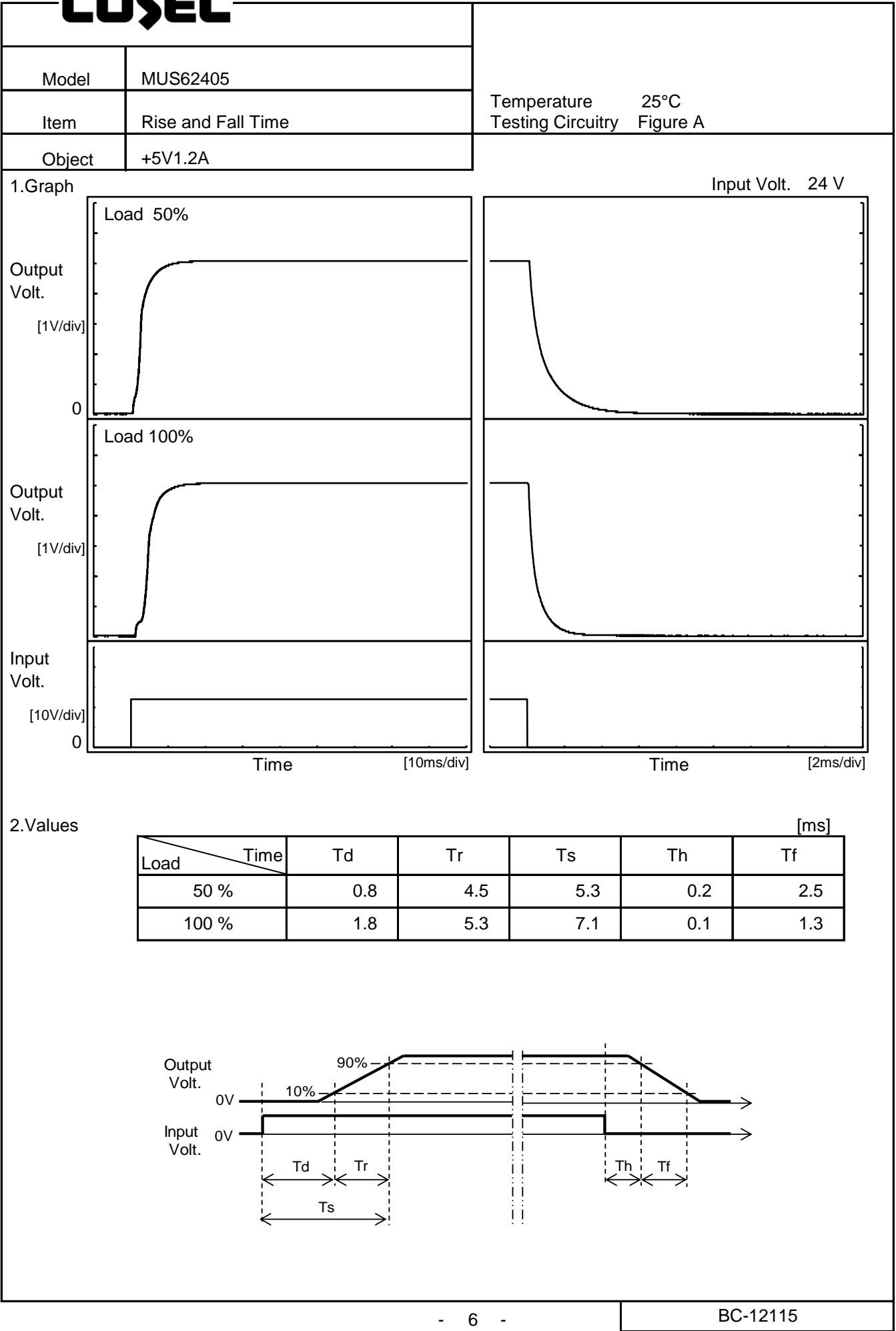
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Model		MUS62405	Temperature     25°C Testing Circuitry   Figure A
Item		Dynamic Load Response	
Object		+5V1.2A	







Model

MUS62405

Item

Overcurrent Protection

Object

+5V1.2A

1.Graph

Input Volt.

18V

Input Volt.

24V

Input Volt.

36V

Output Voltage [V]

8

6

4

2

0

0

1

2

3

4

Load Current [A]

Note: Slanted line shows the range of the rated load current.

2.Values

Output Voltage [V]	Load Current [A]		
	Input Volt. 18[V]	Input Volt. 24[V]	Input Volt. 36[V]
4.75	1.64	1.77	1.86
4.50	1.71	1.83	1.93
4.00	1.84	1.98	2.08
3.50	2.00	2.14	2.25
3.00	2.18	2.32	2.43
2.50	2.36	2.48	2.56
2.00	2.42	2.52	2.57
1.50	2.49	2.58	2.58
1.00	2.61	2.67	2.65
0.50	2.80	2.81	2.78
0.00	3.19	3.12	3.10
--	-	-	-

Temperature

25°C

Testing Circuitry

Figure A

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7

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BC-12115



		Testing Circuitry Figure A
Model	MUS62405	
Item	Ambient Temperature Drift	
Object	+5V1.2A	

## 1.Values

Load 100%

Ambient Temperature[°C]	Output Voltage [V]		
	Input Volt. 18V	Input Volt. 24V	Input Volt. 36V
-40	5.062	5.061	5.062
25	5.109	5.109	5.109
85	5.116	5.116	5.115

Item	Minimum Input Voltage for Regulated Output Voltage	Testing Circuitry Figure A
Object	+5V1.2A	

## 1.Values

Ambient Temperature[°C]	Input Voltage [V]	
	Load 50%	Load 100%
-40	13.7	13.8
25	13.7	13.8
85	13.7	13.8

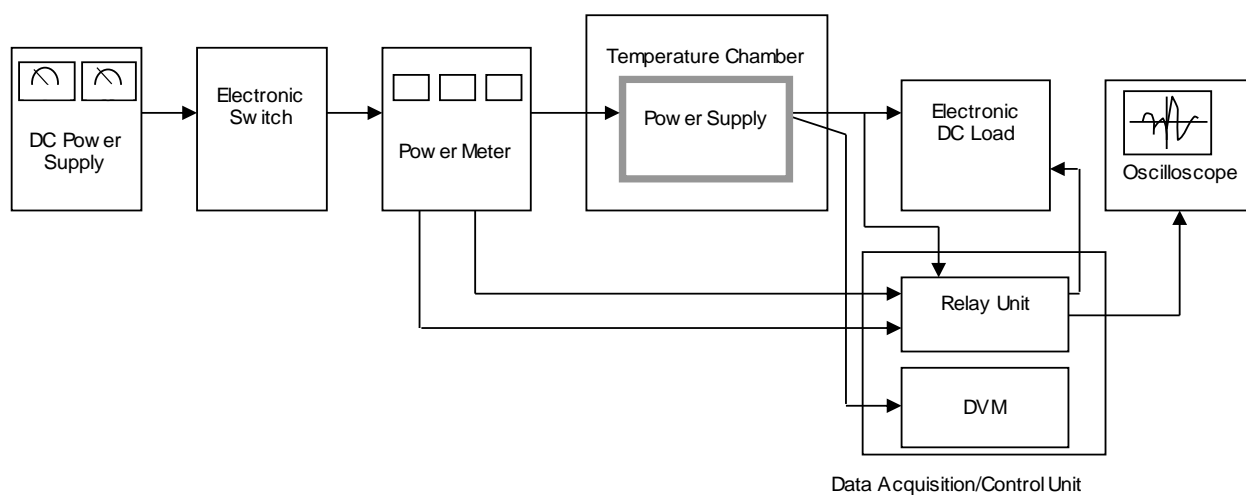


Figure A

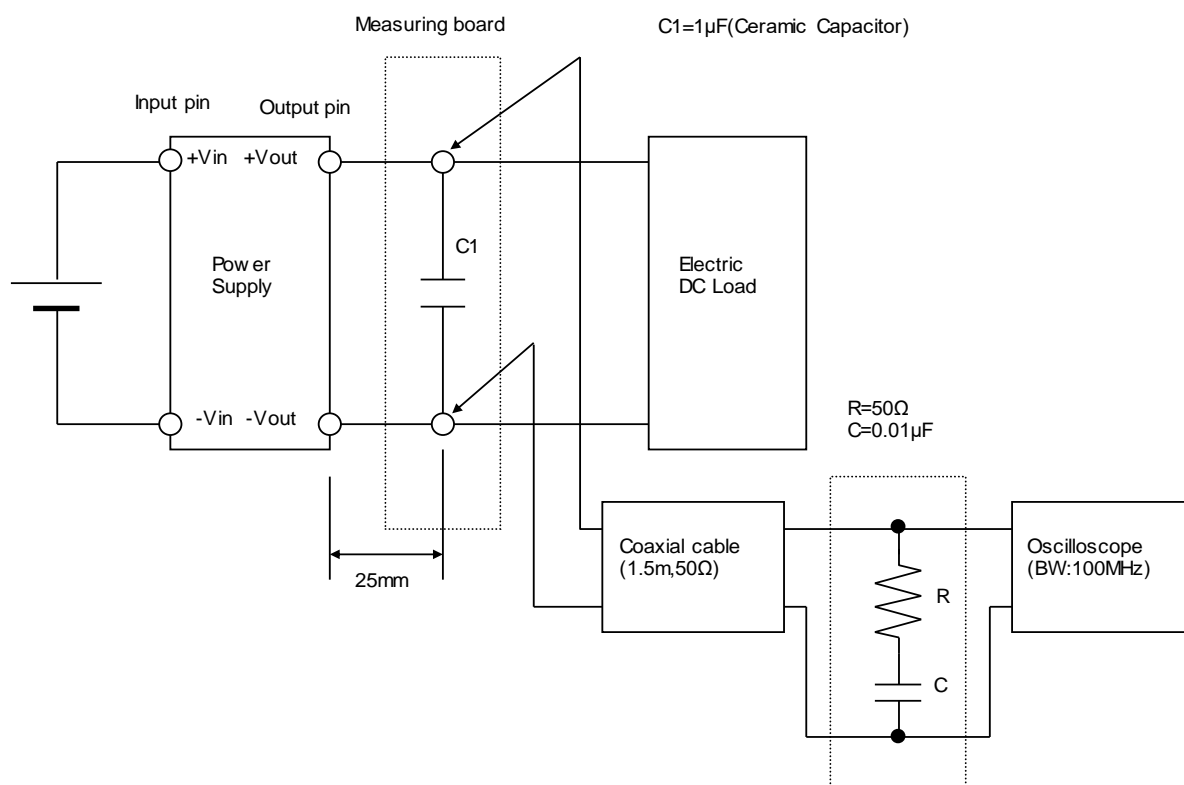


Figure B