



No.: GZMR230701896401-1

Date: Aug 15, 2023

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SGS 10 SES 10 FB9F0DF8

CUSTOMER NAME: WURTH ELECTRONICS(SHENZHEN) CO.,LTD
ADDRESS: 1-3ND FLOOR,BIO-TECH MAIN BUILDING,PUZAI

RD#22,LONGGANG DIST.,SHENZHEN GUANGDONG

Sample Name : ROCKER SWITCH

Model No. : RSTV 471 023 xxx xxx

Material No. : 471023262153

Manufacturer : WÜRTH ELEKTRONIK EISOS GMBH&CO.KG

Buyer : WÜRTH ELEKTRONIK EISOS GMBH&CO.KG

Above information and sample(s) was/were submitted and confirmed by the client. SGS, however, assumes no responsibility to verify the accuracy, adequacy and completeness of the sample information provided by client.

\*\*\*\*\*

SGS Ref. No. : CP23-024724

Date of Receipt : Jul 07, 2023

Testing Start Date : Jul 07, 2023

Testing End Date : Aug 03, 2023

Test result(s) : For further details, please refer to the following page(s)

(Unless otherwise stated the results shown in this test report refer only

to the sample(s) tested)

Signed for SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch

Kelly Lee

Authorized signatory





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### Summary of Results:

No.	Test Item	Test Method	Result	Conclusion
1	Glowing-Wire Test	IEC 60695-2-11:2021	GWEPT:750	Pass
	(GWEPT)	1EC 00093-2-11.2021	GWEF1.730	rass

Note: Pass: Meet the requirements;

Fail: Does not meet the requirements;

/ : Not Apply to the judgment.



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Test Item: Glowing-Wire Test (GWEPT) Sample Description: Finished product Test Method: IEC 60695-2-11:2021

**Test Condition:** 

Pre-treatment: (23±2) °C, (50±5) %RH, 24h

The time of application of the glow-wire  $t_{APP}$ : 30 s

#### Test Result:

Specimen No.	Test Temp.	t <sub>l</sub> (s)	t <sub>E</sub>	t <sub>R</sub> (s)	Whether the specimen is ignition	Whether the specified layer is ignition
1	750	1.0	10.0	0	Yes	No
2	750	0.5	6.5	0	Yes	No
3	750	0.5	8.0	0	Yes	No
4	750	0.5	7.5	0	Yes	No
5	750	0.5	30.0	0	Yes	No
6	750	0.5	30.5	0.5	Yes	No
7	750	1.0	16.5	0	Yes	No
8	750	0.5	7.5	0	Yes	No
9	750	0.5	7.5	0	Yes	No
10	750	0.5	8.5	0	Yes	No
11	750	0.5	9.5	0	Yes	No
12	750	0.5	8.0	0	Yes	No
13	750	0.5	7.0	0	Yes	No
14	750	0.5	30.5	0	Yes	No
15	750	0.5	7.0	0	Yes	No
16	750	0.5	12.0	0	Yes	No
17	750	0.5	9.5	0	Yes	No
18	750	0.5	31.0	1.0	Yes	No
19	750	0.5	31.0	1.0	Yes	No
20	750	0.5	30.5	0.5	Yes	No



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21	750	0.5	12.5	0	Yes	No
22	750	0.5	13.5	0	Yes	No
23	750	0.5	18.0	0	Yes	No
24	750	0.5	11.0	0	Yes	No
25	750	0.5	21.0	0	Yes	No
26	750	0.5	9.0	0	Yes	No
27	750	0.5	10.5	0	Yes	No
28	750	0.5	30.5	0.5	Yes	No
29	750	0.5	7.5	0	Yes	No
30	750	0.5	10.5	0	Yes	No
GWEPT:750						

Client's requirement: GWEPT:750

Conclusion: Pass

#### Note:

- 1. t<sub>l</sub> The time from the start of test, at which the longest persisting flame event starts;
- 2. t<sub>E</sub> The time from the start of the test, at which the longest persisting flame event ends;
- 3.  $t_R$  Time elapsed after the removal of the glow-wire tip from the test specimen to the end of the longest persisting flame event;
- 4. Test criteria:
  - a) there is no ignition, or
  - b) all the following situations apply when ignition has occurred:
    - i. flames or glowing combustion of the test specimen extinguish within 30s after removal of the glow-wire, i.e.  $t_R \le 30s$ ; and
    - ii. the specified layer placed underneath the test specimen does not ignite.
- 5. The specified layer was the wrapping tissue.



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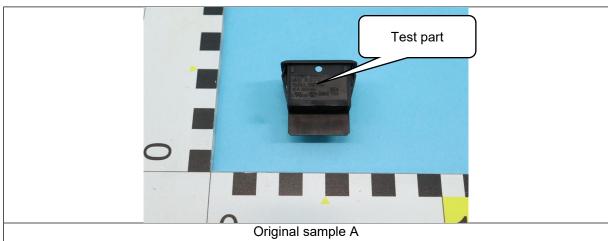


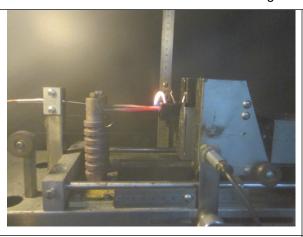
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#### Test Photo:







During test

After test



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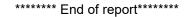
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### **Equipment Information:**

Equipment	Model	Equipment No.	Calibration date	Next Calibration date
Glow Wire Tester	ZLT-GTR	GZMR-PL-E246	2023-01-13	2024-01-12

#### Appendix information:

- This test report supersedes test report No. GZMR230701896401, the original test report is void.
- This report deletes product specification.





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