

TEST REPORT

No. : GZMR230802246401

Date : Aug 14, 2023

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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 471 028 XXX XXX
Material No. : 471028268142
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. : CP23-025747
Date of Receipt : Aug 07, 2023
Testing Start Date : Aug 07, 2023
Testing End Date : Aug 14, 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

May Huo
Authorized signatory



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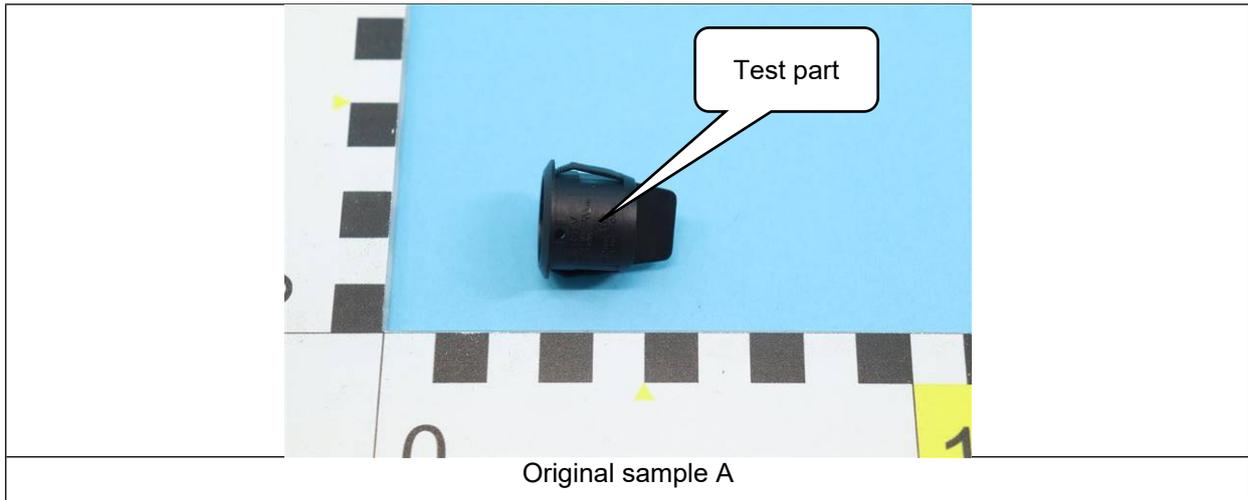
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Summary of Results:

No.	Test Item	Test Method	Result	Conclusion
1	Glowing-Wire Test (GWEPT)	IEC 60695-2-11:2021	GWEPT:750	Pass

Note: Pass : Meet the requirements;
 Fail : Does not meet the requirements;
 / : Not Apply to the judgment.

Original Sample Photo:



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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. (°C)	t_i (s)	t_E (s)	t_R (s)	Whether the specimen is ignition	Whether the specified layer is ignition
1	750	0.5	17.0	0	Yes	No
2	750	0.5	25.0	0	Yes	No
3	750	0.5	12.0	0	Yes	No
4	750	0.5	14.0	0	Yes	No
5	750	0.5	18.0	0	Yes	No
6	750	1.0	21.5	0	Yes	No
7	750	0.5	17.5	0	Yes	No
8	750	0.5	24.5	0	Yes	No
9	750	0.5	22.0	0	Yes	No
10	750	0.5	14.0	0	Yes	No
11	750	0.5	28.0	0	Yes	No
12	750	0.5	18.5	0	Yes	No
13	750	0.5	24.0	0	Yes	No
14	750	0.5	30.0	0	Yes	No
15	750	0.5	17.5	0	Yes	No
16	750	0.5	25.5	0	Yes	No
17	750	0.5	19.0	0	Yes	No
18	750	0.5	30.0	0	Yes	No
19	750	0.5	29.0	0	Yes	No
20	750	0.5	26.0	0	Yes	No



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21	750	0.5	18.0	0	Yes	No
22	750	0.5	26.5	0	Yes	No
23	750	0.5	30.0	0	Yes	No
24	750	0.5	24.0	0	Yes	No
25	750	0.5	19.5	0	Yes	No
26	750	0.5	15.0	0	Yes	No
27	750	0.5	18.0	0	Yes	No
28	750	0.5	19.5	0	Yes	No
29	750	0.5	26.0	0	Yes	No
30	750	0.5	27.0	0	Yes	No
GWEPT:750						

Client's requirement: GWEPT:750

Conclusion: Pass

Note:

1. t_I - The time from the start of test, at which the longest persisting flame event starts;
2. t_E - 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. $t_R \leq 30s$; 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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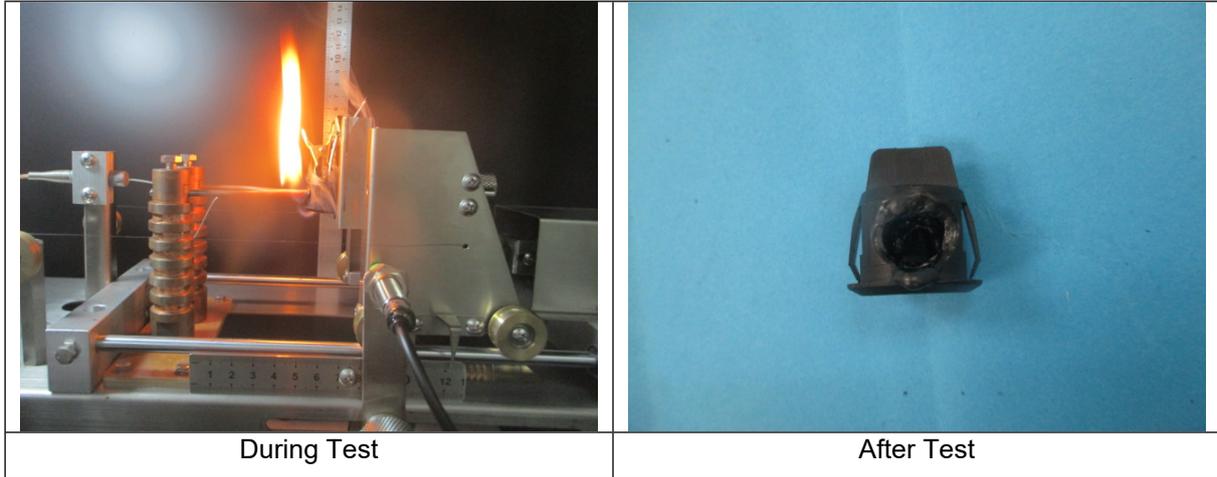
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Test Photo:



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

***** End of report*****



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