

TEST REPORT

No. : GZMR230902838701

Date : Oct 16, 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 471 015 xxx xxx
Material No : 471015264152
Buyer : Würth Elektronik eiSos GmbH & Co. KG
Manufacturer : 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. : SZP23-020544
Date of Receipt : Sep 26, 2023
Testing Start Date : Sep 26, 2023
Testing End Date : Oct 16, 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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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.



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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 | 13.5 | 0 | Yes | No |
| 2 | 750 | 0.5 | 7.5 | 0 | Yes | No |
| 3 | 750 | 1.0 | 13.5 | 0 | Yes | No |
| 4 | 750 | 0.5 | 13.0 | 0 | Yes | No |
| 5 | 750 | 0.5 | 13.0 | 0 | Yes | No |
| 6 | 750 | 0.5 | 9.0 | 0 | Yes | No |
| 7 | 750 | 0.5 | 8.0 | 0 | Yes | No |
| 8 | 750 | 0.5 | 8.0 | 0 | Yes | No |
| 9 | 750 | 0.5 | 9.0 | 0 | Yes | No |
| 10 | 750 | 0.5 | 8.0 | 0 | Yes | No |
| 11 | 750 | 0.5 | 8.5 | 0 | Yes | No |
| 12 | 750 | 0.5 | 7.5 | 0 | Yes | No |
| 13 | 750 | 0.5 | 7.5 | 0 | Yes | No |
| 14 | 750 | 0.5 | 7.0 | 0 | Yes | No |
| 15 | 750 | 0.5 | 10.5 | 0 | Yes | No |
| 16 | 750 | 1.0 | 7.0 | 0 | Yes | No |
| 17 | 750 | 0.5 | 7.5 | 0 | Yes | No |
| 18 | 750 | 0.5 | 6.5 | 0 | Yes | No |
| 19 | 750 | 0.5 | 12.5 | 0 | Yes | No |
| 20 | 750 | 0.5 | 13.0 | 0 | Yes | No |



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| | | | | | | |
|-----------|-----|-----|------|---|-----|----|
| 21 | 750 | 0.5 | 5.5 | 0 | Yes | No |
| 22 | 750 | 0.5 | 11.0 | 0 | Yes | No |
| 23 | 750 | 0.5 | 9.5 | 0 | Yes | No |
| 24 | 750 | 0.5 | 7.5 | 0 | Yes | No |
| 25 | 750 | 0.5 | 14.0 | 0 | Yes | No |
| 26 | 750 | 0.5 | 13.5 | 0 | Yes | No |
| 27 | 750 | 0.5 | 7.5 | 0 | Yes | No |
| 28 | 750 | 0.5 | 9.0 | 0 | Yes | No |
| 29 | 750 | 0.5 | 7.5 | 0 | Yes | No |
| 30 | 750 | 0.5 | 15.5 | 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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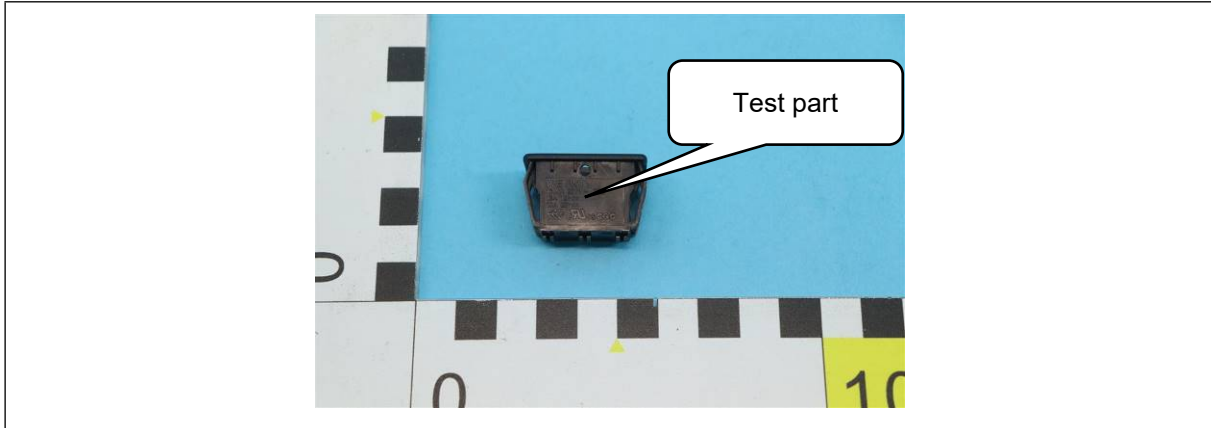
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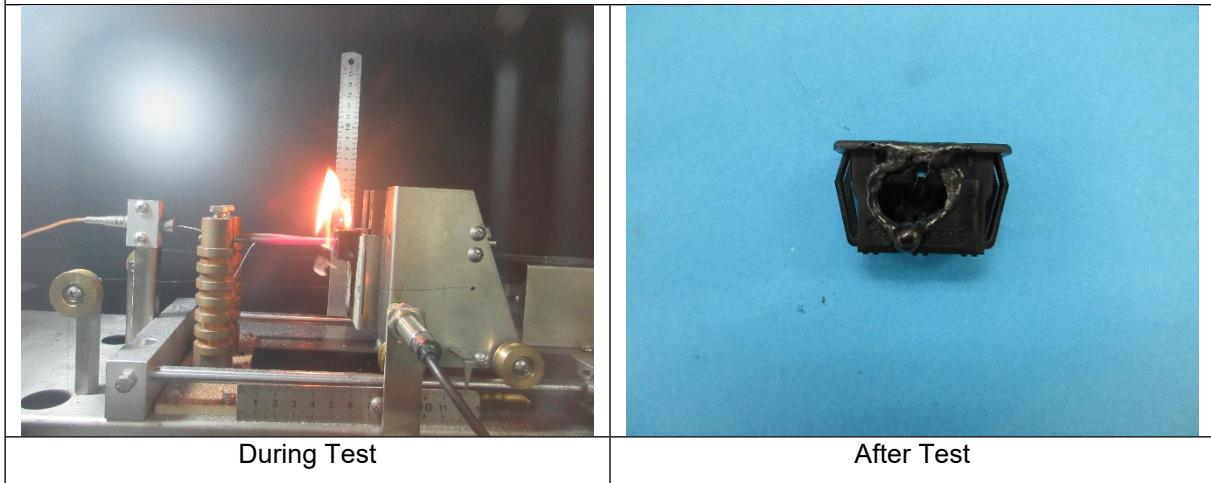
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Test Photo:



Original sample A



During Test

After Test

Equipment Information:

| Equipment | Model | Equipment No. | Calibration date | Next Calibration date |
|------------------|---------|---------------|------------------|-----------------------|
| Glow Wire Tester | ZLT—GTR | GZMR-PL-E407 | 2023-08-07 | 2024-08-06 |

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



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