



中国认可
检测
TESTING
CNAS L0599

TEST REPORT

No. : SHIN1808055171MR

Date : Aug 16, 2018

Page: 1 of 5

CUSTOMER NAME: WURTH ELECTRONICS (SHENZHEN) CO.,LTD.
ADDRESS: B-502, BUILDING 1, TIANAN CYBER-PARK, THE NORTH HUANGGE ROAD, LONGGANG DISTRICT, SHENZHEN

Sample Name : RSTV Rocker Switch Ø20.2 mm Cut out
Product Specification : RSTV 471 002/032
Product or Lot No. : 471002268143
Manufacturer : WÜRTH ELEKTRONIK EISOS GMBH & CO KG
Buyer : WÜRTH ELEKTRONIK EISOS

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. : SHIN1808055155PS
Date of Receipt : Aug 01, 2018
Testing Start Date : Aug 01, 2018
Testing End Date : Aug 16, 2018
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
Service (Shanghai)Co., Ltd.

Jane Deng

Jane Deng
Authorized signatory



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Summary of Results:

No.	Test Item	Test Method	Result	Conclusion
1	Glowing-Wire Test (GWEPT)	IEC 60695-2-11:2014	See result	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: Black plastic part

Test Method: IEC 60695-2-11:2014

Sample Pre-treatment:

Conditioning: 24 h/ (15~35) °C/ (45~75) %RH

Sample's surface was not cleaned before test.

Lab Environment Condition

Ambient temperature: (15~35) °C

Relative humidity: ≤75 %RH

Test Result:

Sample	Test Temp. (°C)	t_A (s)	t_i (s)	t_E (s)	Test Criteria a)	Test Criteria b)
1	750	30	0	26.7	Non-conforming	Conforming
2	750	30	0	6.3	Non-conforming	Conforming
3	750	30	0	30.9	Non-conforming	Conforming
4	750	30	0	25.7	Non-conforming	Conforming
5	750	30	0	6.2	Non-conforming	Conforming
6	750	30	0	30.2	Non-conforming	Conforming
7	750	30	0	21.2	Non-conforming	Conforming
8	750	30	0	30.3	Non-conforming	Conforming
9	750	30	0	22.7	Non-conforming	Conforming
10	750	30	0	9.7	Non-conforming	Conforming
11	750	30	0	31.3	Non-conforming	Conforming
12	750	30	0	30.7	Non-conforming	Conforming
13	750	30	0	6.6	Non-conforming	Conforming
14	750	30	0	30.8	Non-conforming	Conforming
15	750	30	0	8.9	Non-conforming	Conforming
16	750	30	0	26.7	Non-conforming	Conforming
17	750	30	0	30.3	Non-conforming	Conforming



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Sample	Test Temp. (°C)	t _A (s)	t _i (s)	t _E (s)	Test Criteria a)	Test Criteria b)
18	750	30	0	30.5	Non-conforming	Conforming
19	750	30	0	8.6	Non-conforming	Conforming
20	750	30	0	31.2	Non-conforming	Conforming
21	750	30	0	16.7	Non-conforming	Conforming
22	750	30	0	30.4	Non-conforming	Conforming
23	750	30	0	12.6	Non-conforming	Conforming
24	750	30	0	8.3	Non-conforming	Conforming
25	750	30	0	7.6	Non-conforming	Conforming
26	750	30	0	31.4	Non-conforming	Conforming
27	750	30	0	30.7	Non-conforming	Conforming
28	750	30	0	32.2	Non-conforming	Conforming
29	750	30	0	30.5	Non-conforming	Conforming
30	750	30	0	24.9	Non-conforming	Conforming
GWEPT: 750/--						
Test Requirement	GWEPT: 750		Conclusion:		Pass	

Note:

- 1) t_A - The time of application of the glow-wire;
- 2) t_i - The duration from the beginning of tip application up to the time at which the test specimen or the specified layer placed below it ignites;
- 3) t_E - The duration from the beginning of tip application up to the time when flames extinguish, during or after the period of application.
- 4) Test criteria:
 - a) there is no ignition, or
 - b) all the following situations apply when ignition has occurred:
 - i. If flames or glowing combustion of the test specimen extinguish within 30s after removal of the glow-wire, i.e. t_E ≤ t_A+30s; and
 - ii. The specified layer placed underneath the test specimen does not ignite.



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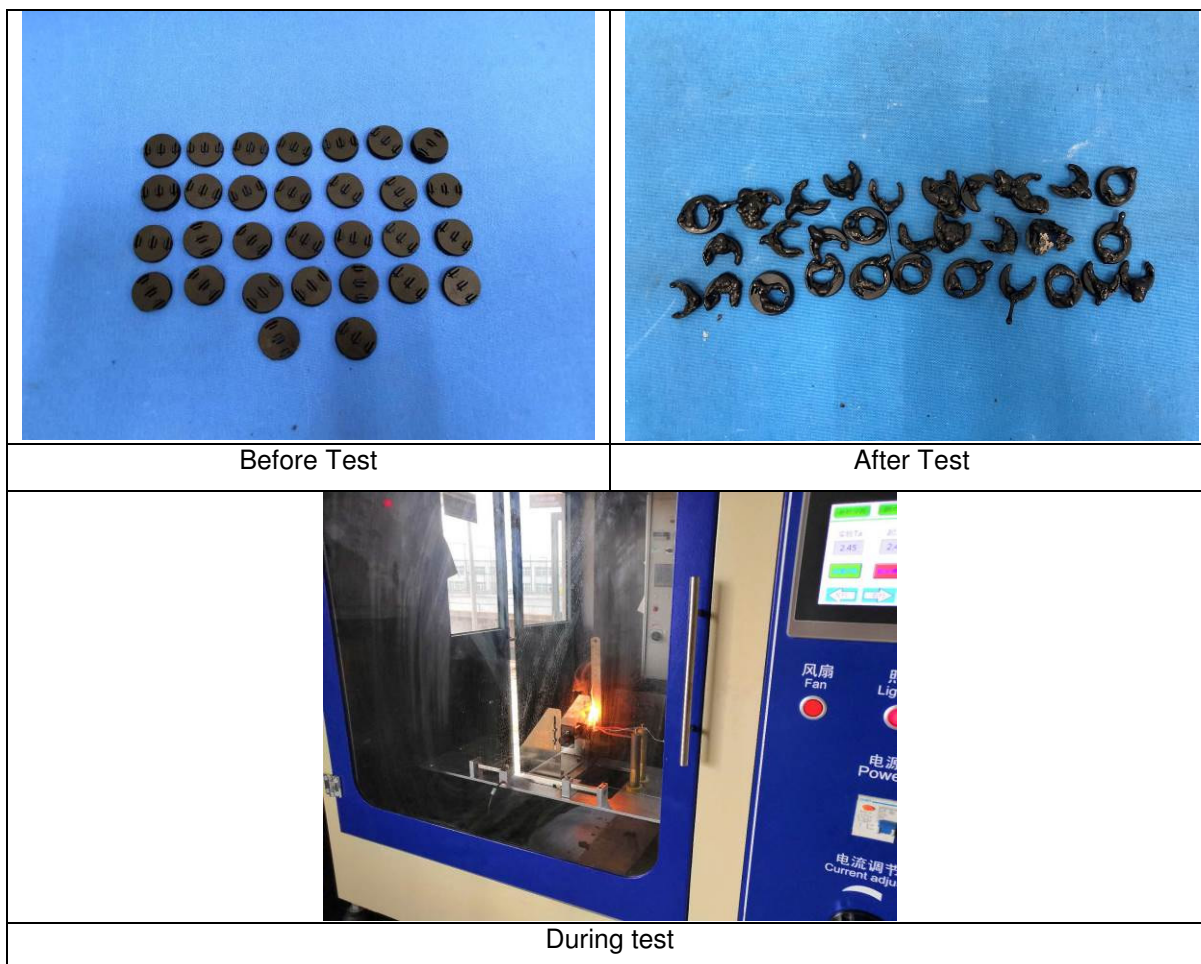
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Test Photo:



Equipment Information:

Equipment	Model	Equipment No.	Calibration date	Next Calibration date
Glowing Wire Tester	JX1191	P-577	2018-7-3	2019-7-2

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



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