



中国认可  
检测  
TESTING  
CNAS L0599

## TEST REPORT

No. : SHIN1808055173MR

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 19.2x12.9mm Cut out  
Product Specification : RSTV 471 001/016  
Product or Lot No. : 471001264143  
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. : SHIN1808055161PS  
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.

Jacky Ye  
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.



SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.  
 Testing Center - Massanet (1919) S.A.

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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	850	30	0	30.1	Non-conforming	Conforming
2	850	30	0	5.3	Non-conforming	Conforming
3	850	30	0	5.8	Non-conforming	Conforming
4	850	30	0	4.8	Non-conforming	Conforming
5	850	30	0	31.2	Non-conforming	Conforming
6	850	30	0	35.4	Non-conforming	Conforming
7	850	30	0	6.3	Non-conforming	Conforming
8	850	30	0	4.2	Non-conforming	Conforming
9	850	30	0	31.2	Non-conforming	Conforming
10	850	30	0	30.3	Non-conforming	Conforming
11	850	30	0	31.3	Non-conforming	Conforming
12	850	30	0	31.7	Non-conforming	Conforming
13	850	30	0	30.4	Non-conforming	Conforming
14	850	30	0	5.2	Non-conforming	Conforming
15	850	30	0	3.3	Non-conforming	Conforming
16	850	30	0	31.1	Non-conforming	Conforming
17	850	30	0	3.8	Non-conforming	Conforming



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Sample	Test Temp. (°C)	t <sub>A</sub> (s)	t <sub>i</sub> (s)	t <sub>E</sub> (s)	Test Criteria a)	Test Criteria b)
18	850	30	0	4.8	Non-conforming	Conforming
19	850	30	0	30.3	Non-conforming	Conforming
20	850	30	0	33.1	Non-conforming	Conforming
21	850	30	0	33.7	Non-conforming	Conforming
22	850	30	0	4.2	Non-conforming	Conforming
23	850	30	0	31.3	Non-conforming	Conforming
24	850	30	0	31.4	Non-conforming	Conforming
25	850	30	0	30.8	Non-conforming	Conforming
26	850	30	0	3.6	Non-conforming	Conforming
27	850	30	0	30.2	Non-conforming	Conforming
28	850	30	0	34.8	Non-conforming	Conforming
29	850	30	0	3.2	Non-conforming	Conforming
30	850	30	0	31.3	Non-conforming	Conforming
GWEPT: 850/--						
Test Requirement	GWEPT: 850		Conclusion:		Pass	

Note:

- 1) t<sub>A</sub> - The time of application of the glow-wire;
- 2) t<sub>i</sub> - 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<sub>E</sub> - 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<sub>E</sub> ≤ t<sub>A</sub>+30s; and
    - ii. The specified layer placed underneath the test specimen does not ignite.



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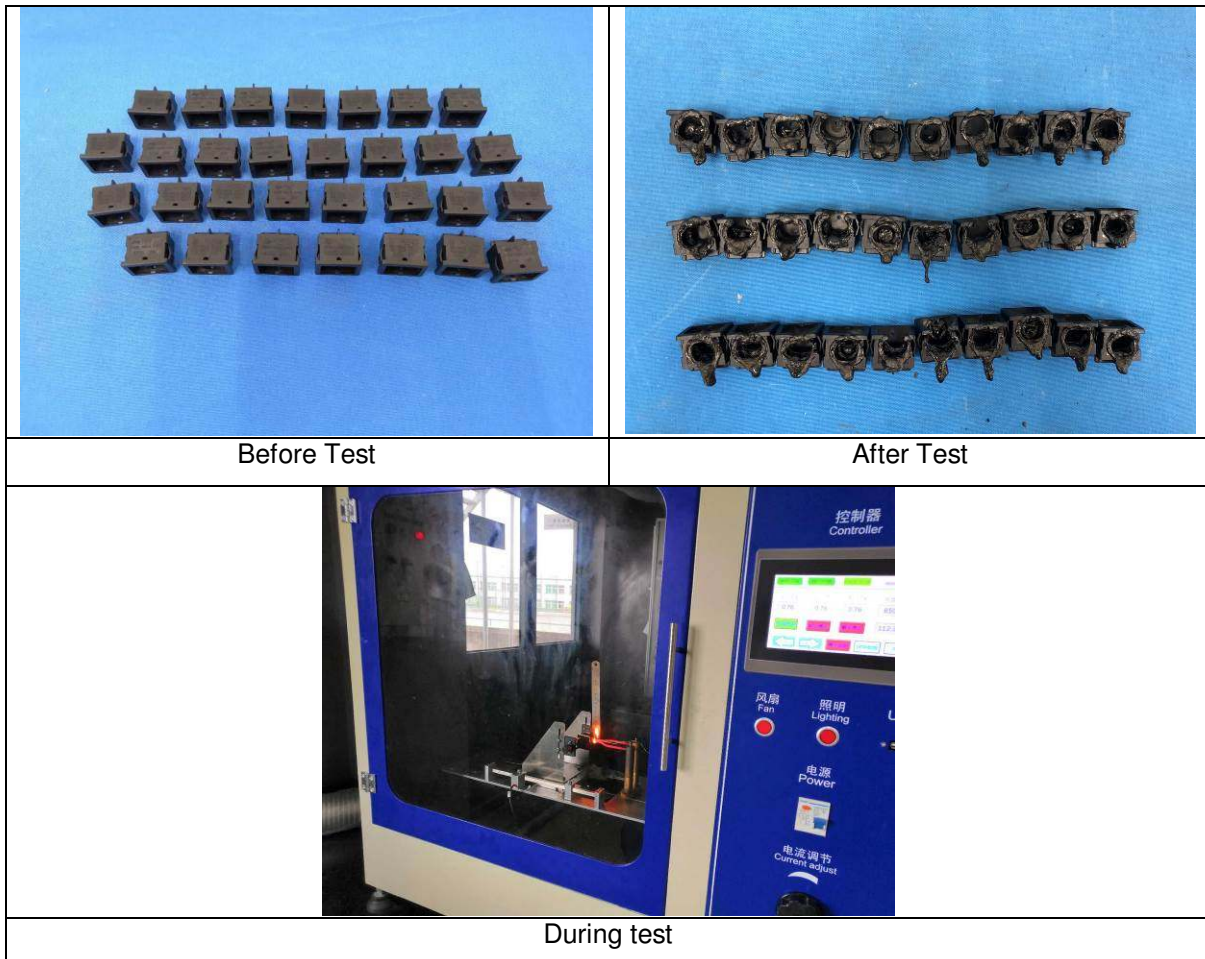
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Test Photo:



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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