





No.: GZIN2003007616MR-01

Date: May 09, 2020

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CUSTOMER NAME: WURTH ELECTRONICS(SHENZHEN)CO., LTD

ADDRESS: BIO-TECH MAIN BUILDING, 2ND FLOOR, PINGDI PUZAI RD. 22,

LONGGANG DISTRICT, SHENZHEN

Sample Name : SWITCH

Model No. : 471017268142

Material No. : 423010011948000

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. : CP20-007956

Date of Receipt : Mar 16, 2020

Testing Start Date : Mar 16, 2020

Testing End Date : May 09, 2020

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. GZ Branch Testing

Center

May Huo

Authorized signatory



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Summary of Results:

No.	Test Item	Test Method	Result	Conclusion
1	Glowing-Wire Test	IEC 60695-2-11:2014	GWEPT:750	Pass
	(GWEPT)			

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: Plastic part Test Method: IEC 60695-2-11:2014

Test Condition:

Pre-treatment: (23±2) $^{\circ}$ C, (50±5) %RH, 48 hours The time of application of the glow-wire t_A: 30 s

Test Result:

Specimen No.	Test Temp.	t _i (s)	t _∈ (s)	Whether the specimen is ignition	Whether the specimen is totally burned	Whether the specified layer is ignition
#1	750	1.5	32.5	Yes	No	No
#2	750	0.5	30.0	Yes	No	No
#3	750	0.5	33.0	Yes	No	No
#4	750	0.5	31.0	Yes	No	No
#5	750	0.5	31.5	Yes	No	No
#6	750	0.5	33.5	Yes	No	No
#7	750	0.5	31.5	Yes	No	No
#8	750	0.5	30.0	Yes	No	No
#9	750	0.5	30.5	Yes	No	No
#10	750	0.5	30.5	Yes	No	No
#11	750	0.5	30.0	Yes	No	No
#12	750	0.5	24.0	Yes	No	No
#13	750	0.5	31.5	Yes	No	No
#14	750	0.5	30.0	Yes	No	No
#15	750	0.5	30.5	Yes	No	No
#16	750	0.5	31.0	Yes	No	No
#17	750	0.5	31.0	Yes	No	No
#18	750	0.5	30.5	Yes	No	No



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Specimen No.	Test Temp. (℃)	t _i (s)	t _E (s)	Whether the specimen is ignition	Whether the specimen is totally burned	Whether the specified layer is ignition
#19	750	0.5	30.5	Yes	No	No
#20	750	0.5	30.0	Yes	No	No
#21	750	0.5	30.5	Yes	No	No
#22	750	0.5	31.0	Yes	No	No
#23	750	0.5	31.0	Yes	No	No
#24	750	0.5	31.5	Yes	No	No
#25	750	0.5	30.0	Yes	No	No
#26	750	0.5	22.0	Yes	No	No
#27	750	0.5	30.5	Yes	No	No
#28	750	0.5	31.0	Yes	No	No
#29	750	0.5	30.5	Yes	No	No
#30	750	0.5	31.0	Yes	No	No
GWEPT:750						

Client's Requirement: GWEPT:750

Conclusion: Pass

Note:

- 1. 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;
- 2. t_E The duration from the beginning of tip application up to the time when flames extinguish, during or after the period of application.
- 3. 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. $t_E \le t_A+30s$; and
 - ii. The specified layer placed underneath the test specimen does not ignite.
- 4. The specified layer was the wrapping tissue.



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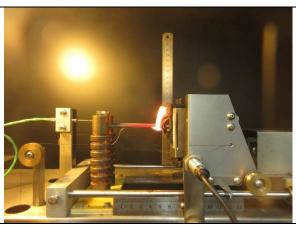


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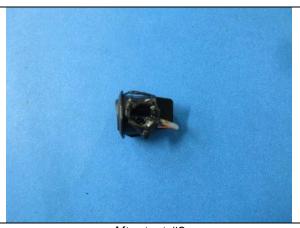
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Test Photo:



During test





After test-#2



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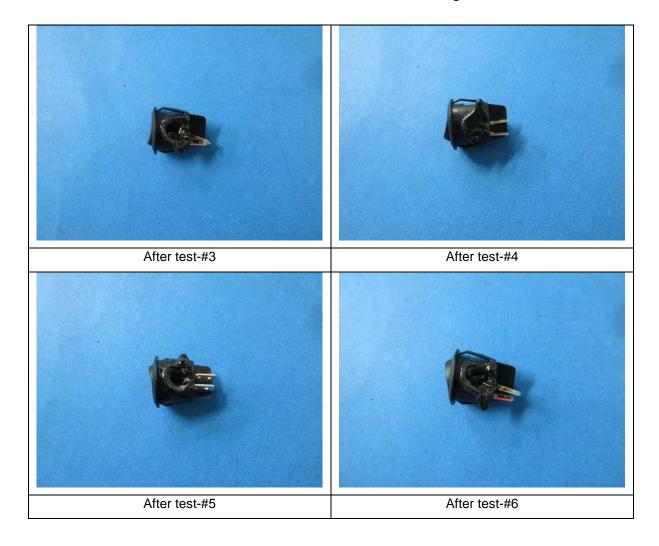
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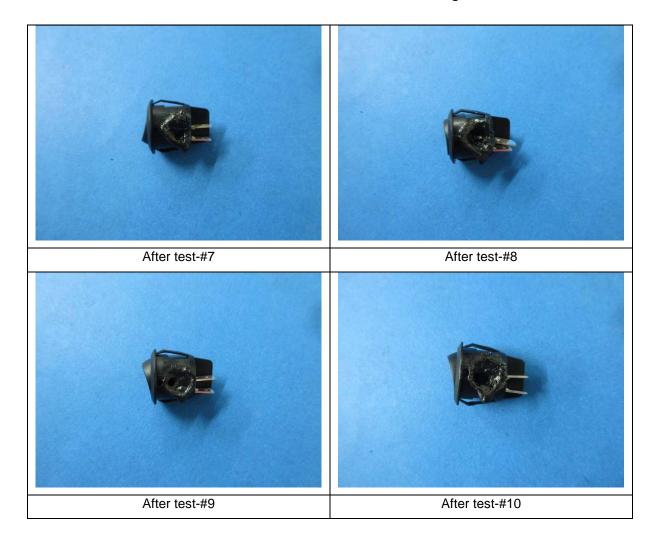
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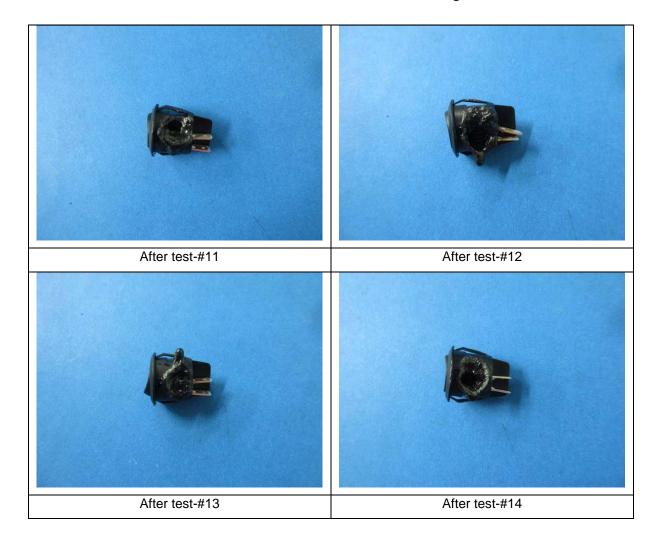
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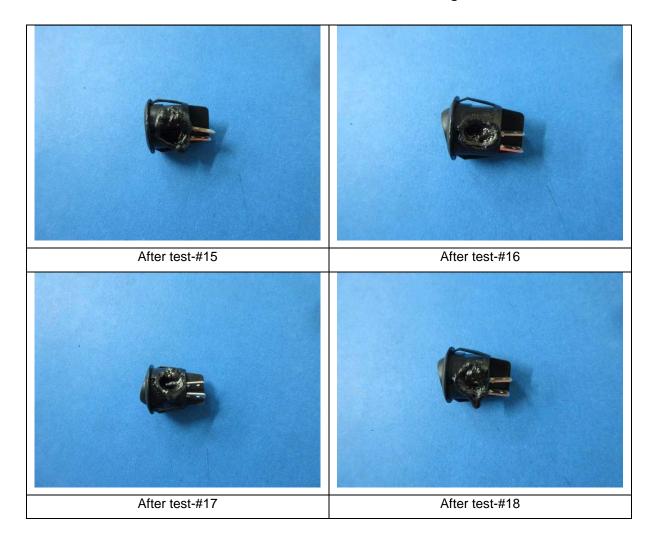
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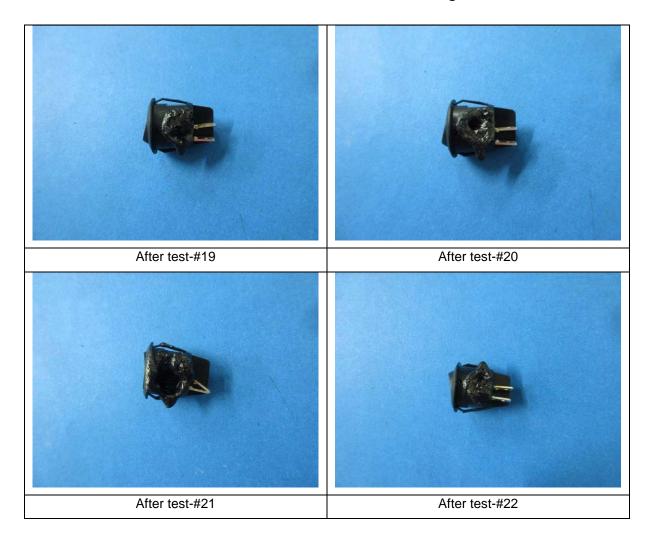
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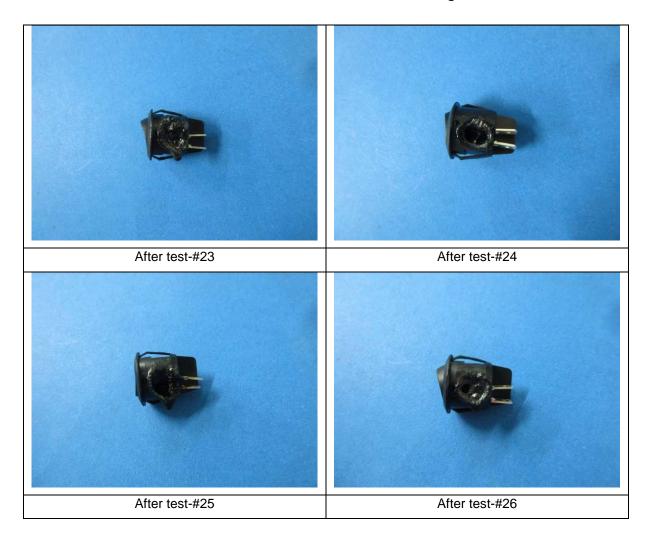
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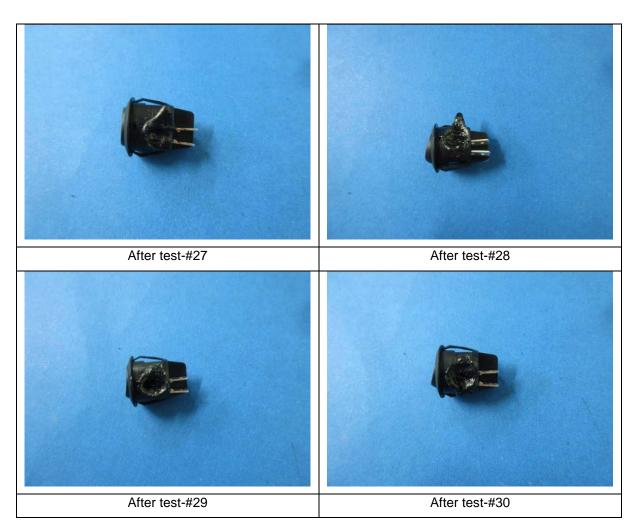
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Equipment Information:

Equipment	Model	Equipment No.	Calibration date	Next Calibration date
Glow Wire Tester	ZLT-GTR	GZMR-PL-E246	2020-02-26	2021-02-25

Appendix information:

- 1. This test report supersedes test report No. GZIN2003007616MR, the original test report is void.
- 2. This report updates test result data and test photo.

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



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