中国认可
国际互认
检测
TESTING
CNAS L0167

## TEST REPORT

No．：GZMR230701896401－1
Date：Aug 15， 2023
Page： 1 of 6


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 471023 xxx xxx |
| Material No． | $: 471023262153$ |
| Manufacturer | $:$ WÜRTH ELEKTRONIK EISOS GMBH\＆CO．KG |
| Buyer | $:$ WÜRTH ELEKTRONIK EISOS GMBH\＆CO．KG |

Above information and samples）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．
Date of Receipt
Testing Start Date
Testing End Date
Test results）
：CP23－024724
：Jul 07， 2023
：Jul 07， 2023
：Aug 03， 2023
：For further details，please refer to the following pages）
（Unless otherwise stated the results shown in this test report refer only to the samples）tested）

Signed for
SGS－CSTC Standards Technical
Services Co．，Ltd．Guangzhou Branch


Kelly Lee
Authorized signatory

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Summary of Results：

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

Note：$\quad$ 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：$(23 \pm 2){ }^{\circ} \mathrm{C},(50 \pm 5) \% R H, 24 h$
The time of application of the glow－wire $\mathrm{t}_{\text {APP }}: 30 \mathrm{~s}$
Test Result：

| Specimen No． | Test Temp． $\left({ }^{\circ} \mathrm{C}\right)$ | $\begin{gathered} t_{1} \\ (s) \end{gathered}$ | $t_{E}$ <br> （s） | $\begin{gathered} \mathrm{t}_{\mathrm{R}} \\ (\mathrm{~s}) \end{gathered}$ | Whether the specimen is ignition | Whether the specified layer is ignition |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | 750 | 1.0 | 10.0 | 0 | Yes | No |
| 2 | 750 | 0.5 | 6.5 | 0 | Yes | No |
| 3 | 750 | 0.5 | 8.0 | 0 | Yes | No |
| 4 | 750 | 0.5 | 7.5 | 0 | Yes | No |
| 5 | 750 | 0.5 | 30.0 | 0 | Yes | No |
| 6 | 750 | 0.5 | 30.5 | 0.5 | Yes | No |
| 7 | 750 | 1.0 | 16.5 | 0 | Yes | No |
| 8 | 750 | 0.5 | 7.5 | 0 | Yes | No |
| 9 | 750 | 0.5 | 7.5 | 0 | Yes | No |
| 10 | 750 | 0.5 | 8.5 | 0 | Yes | No |
| 11 | 750 | 0.5 | 9.5 | 0 | Yes | No |
| 12 | 750 | 0.5 | 8.0 | 0 | Yes | No |
| 13 | 750 | 0.5 | 7.0 | 0 | Yes | No |
| 14 | 750 | 0.5 | 30.5 | 0 | Yes | No |
| 15 | 750 | 0.5 | 7.0 | 0 | Yes | No |
| 16 | 750 | 0.5 | 12.0 | 0 | Yes | No |
| 17 | 750 | 0.5 | 9.5 | 0 | Yes | No |
| 18 | 750 | 0.5 | 31.0 | 1.0 | Yes | No |
| 19 | 750 | 0.5 | 31.0 | 1.0 | Yes | No |
| 20 | 750 | 0.5 | 30.5 | 0.5 | Yes | No |



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| 21 | 750 | 0.5 | 12.5 | 0 | Yes | No |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 22 | 750 | 0.5 | 13.5 | 0 | Yes | No |
| 23 | 750 | 0.5 | 18.0 | 0 | Yes | No |
| 24 | 750 | 0.5 | 11.0 | 0 | Yes | No |
| 25 | 750 | 0.5 | 21.0 | 0 | Yes | No |
| 26 | 750 | 0.5 | 9.0 | 0 | Yes | No |
| 27 | 750 | 0.5 | 10.5 | 0 | Yes | No |
| 28 | 750 | 0.5 | 30.5 | 0.5 | Yes | No |
| 29 | 750 | 0.5 | 7.5 | 0 | Yes | No |
| 30 | 750 | 0.5 | 10.5 | 0 | Yes | No |
|  |  |  |  |  |  |  |

Client＇s requirement：GWEPT：750
Conclusion：Pass

## Note：

1．$t_{1}$－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．$t_{R} \leq 30$ s；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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Test Photo：



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Equipment Information：

| Equipment | Model | Equipment No． | Calibration date | Next Calibration <br> date |
| :---: | :---: | :---: | :---: | :---: |
| Glow Wire Tester | ZLT－GTR | GZMR－PL－E246 | $2023-01-13$ | $2024-01-12$ |

Appendix information：
1．This test report supersedes test report No．GZMR230701896401，the original test report is void．
2．This report deletes product specification．

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