



Test Report

Report No: TQT1057N11E-R1

Date: Dec. 22, 2025

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Applicant: APSEMI (SHENZHEN) Co.,Ltd
Address: Qianhai Complex A201, Qianwan Road 1, Qianhai Shenzhen-Hong Kong Cooperation Zone, Shenzhen, P.R. China
Manufacturer: APSEMI (SHENZHEN) Co.,Ltd
Address: Qianhai Complex A201, Qianwan Road 1, Qianhai Shenzhen-Hong Kong Cooperation Zone, Shenzhen, P.R. China

The following sample(s) was /were submitted and identified on behalf of the clients as :

Sample Name : PHOTO MOS RELAY, OPTOMOS RELAY, PHOTO COUPLER
Main Test Model : APY/GAQY210 Series
Additional Model : APY/ADY/GAQY/OPT0 Series, APV/ADV/GAQV/OPT1 Series, APW/ADW/GAQW/OPT2 Series, APH/APS/APC/APM Series, APPL/ATLP/ALP/AEL Series, 4N/6N/CNY/MOC Series.
Sample Received Date : Dec. 08, 2025
Testing Period : Dec. 08, 2025 To Dec. 22, 2025
Test Requested : As specified by client, to determine the five Persistent, Bioaccumulative and Toxic(PBT) chemicals content in the sample with reference to Toxic Substances Control Act (TSCA).
Test Method : Please refer to next page(s).
Test Result : Please refer to next page(s).

Signed for and on behalf of:

Liw wang/Manager Date of issue : Dec. 22, 2025

Shenzhen Tianqi Testing Technology Service Co., Ltd.

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Shenzhen Tianqi Testing Technology Service Co., Ltd.

6th Floor, Bui lding B, Quewei Building, No. 5 Fuyu Road, Pinghu Street, Longgang District, Shenzhen,Guangdong, China

Tel: 4008857980 Website: www.tqtts.com E-mail: service@tqtts.com



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Sample Description:

Sample No.	Sample Description
1	Metal Pin
2	Photomos Relay

Test Method and Test Equipment:

Test item	Test Method	Test Equipment
Five Persistent, Bioaccumulative and Toxic(PBT)	EPA3580A:1992 & EPA8270C:1996	GC-MS

Test Result :

Five Persistent, Bioaccumulative and Toxic(PBT) chemicals contents:

Test Method: With reference to In House Method.

Analysis was performed by Gas Chromatography Mass Spectrometer (GC-MS).

Test Results(No.1):

Test Item(s)	CAS.No.	Unit	MDL	Limit	Result
Decabromodiphenyl ether (Deca-BDE)	1163-19-5	mg/kg	50	Prohibited	N.D.
2,4,6-Tri-tert-butylphenol (2,4,6-TTBP)	732-26-3	mg/kg	50	3000	N.D.
Phenol, Isopropylated phosphate(3:1)(PIP(3:1))	68937-41-7	mg/kg	50	Prohibited	N.D.
Pentachlorothiophenol (PCTP)	133-49-3	mg/kg	50	10000	N.D.
Hexachlorobutadiene (HCBD)	87-68-3	mg/kg	50	Prohibited	N.D.

Test Results(No.2):

Test Item(s)	CAS.No.	Unit	MDL	Limit	Result
Decabromodiphenyl ether (Deca-BDE)	1163-19-5	mg/kg	50	Prohibited	N.D.
2,4,6-Tri-tert-butylphenol (2,4,6-TTBP)	732-26-3	mg/kg	50	3000	N.D.
Phenol, Isopropylated phosphate(3:1)(PIP(3:1))	68937-41-7	mg/kg	50	Prohibited	N.D.
Pentachlorothiophenol (PCTP)	133-49-3	mg/kg	50	10000	N.D.
Hexachlorobutadiene (HCBD)	87-68-3	mg/kg	50	Prohibited	N.D.

Note :

1. mg/kg= ppm
2. N.D.=Not Detected (<MDL)
3. MDL =Method Detection Limit
4. --= No Testing

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Sample Figure:

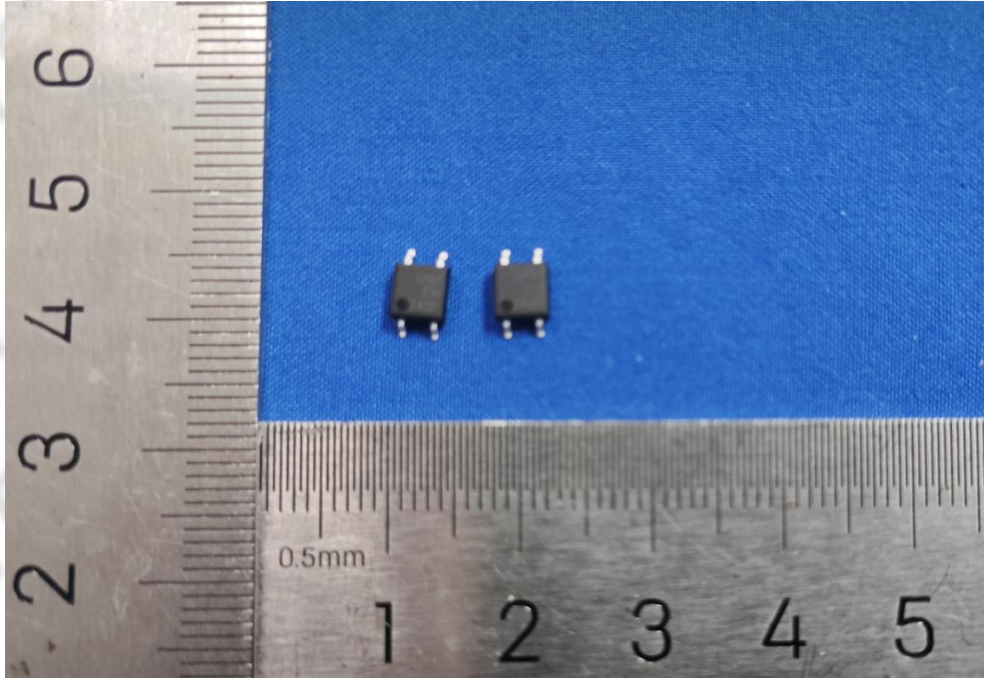


Figure 1

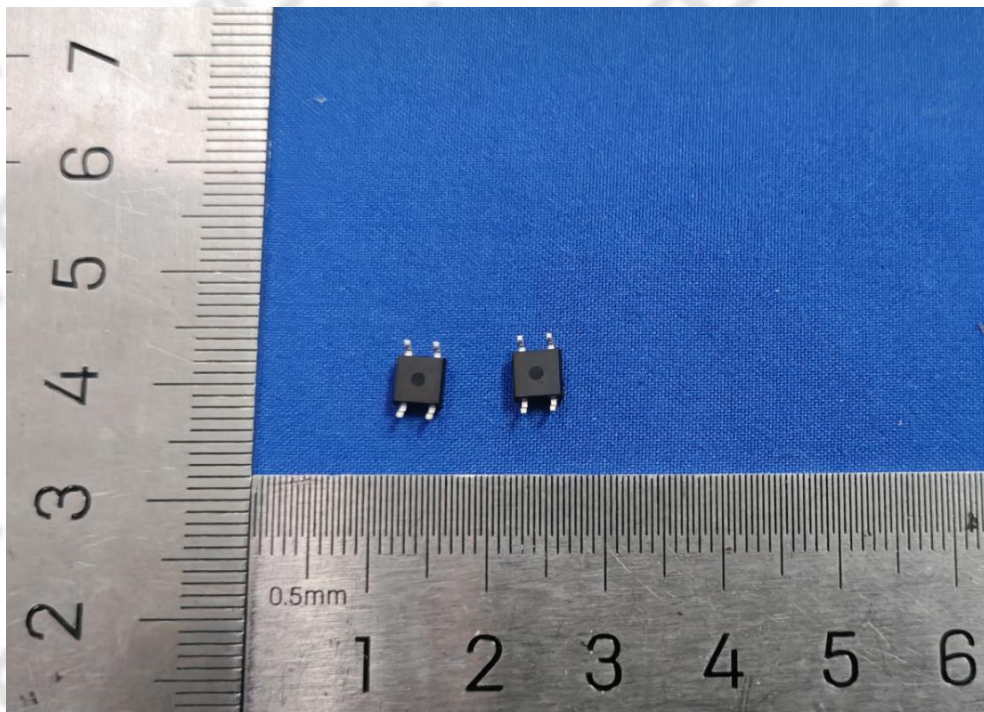


Figure 2

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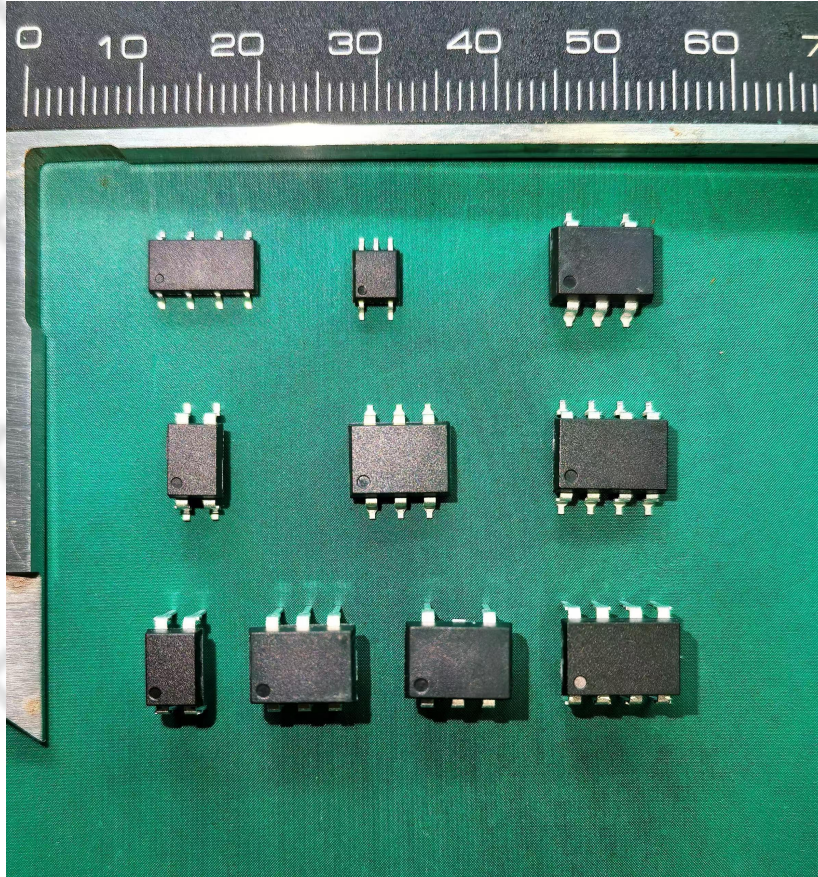


Figure 3

***** End of Report *****

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