



## IECQ Certificate of Approval Independent Testing Laboratory

IECQ Certificate No.:	IECQ-L ULTW 09.0012	Issue No.:	10	Status:	Current
Supersedes:	<a href="#">IECQ-L ULTW 09.0012 Issue 9</a>	Issue Date:	2023/05/24	Org Issue:	1991/05/29
CB Reference No.:	20004032 ITL	Expiration:	2026/05/28		

**Taiwan Testing and Certification Center**  
 No. 8, Lane 29, Wenming Rd.,  
 Guishan Dist., Taoyuan City,  
 Taiwan

The organization, facilities and procedures have been assessed and found to comply with the applicable requirements for Independent Testing Laboratory organization approval, in support of the IECQ system, which is in accordance with the Basic Rules IECQ 01 and Rules of Procedure IECQ 03-6 "Independent Testing Laboratory Assessment Program Requirements" of the IEC Quality Assessment System for Electronic Components (IECQ) and applicable requirements of ISO/IEC 17025:2017 for the testing of electronic components under the IECQ.

**Scope:**

Reliability testing of fixed capacitors, fixed resistors, resistor networks, semiconductors (discrete), headphones and audio devices, crystals, transformers, inductors, connector and cable assembly and printed circuit boards.  
 See attached schedule.

-- Attached Schedule: IECQ-L\_ULTW\_20004032 ITL\_05-24-23.pdf --

**Approved by Certification Body (CB): DQS Group - DQS Taiwan Inc.**

8th Fl., 23, Yuan Huan West Road,  
 Feng Yuan Dist., Taichung City  
 Taiwan

Authorized person:  
**Rock Chang**



The validity of this certificate is maintained through on-going surveillance audits by the IECQ CB issuing this certificate.  
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**Schedule of Scope to Certificate of Approval  
 Independent Testing Laboratory**

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**Appendix-1 (20004032 ITL)  
 Schedule of Scope to Certificate of Approval**

<b>Tests</b>	<b>Standard/Method</b>
Temperature Cycling test	IEC60068-2-14
Low Temperature test	IEC60068-2-1
Salt Mist test	IEC 60068-2-11, MIL-STD-202 Method 101
Mating & Unmated Force test	EIA-364-13
Durability test	EIA-364-09
Vibration	EIA-364-28, IEC60068-2-6, IEC60068-2-64
Shock test	MIL-STD-202 Method 213 Condition A/B/C/H/J/K, EIA-364-27, IEC60068-2-27
Humidity	EIA-364-31, IEC60068-2-30, IEC60068-2-38, MIL-STD-202 Method 103
Dry Heat	IEC60068-2-2
Insulation resistance test	MIL-STD-202 Method 302, EIA-364-21
Contact resistance	MIL-STD-1344 Method 3002, EIA-364-23, EIA-364-06
Dielectric voltage test	MIL-STD-202 Method 301, EIA-364-20
Capacitance test	MIL-STD-202 Method 305, EIA-364-30
Temperature rise test	EIA-364-70
Temperature Life test	EIA-364-17
Free Fall test	IEC60068-2-32

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**DQS-Group - DQS Taiwan Inc., Feng Yuan Dist., Taichung City, Taiwan**



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Solderability test	MIL-STD-202 Method 208, EIA-364-52, J-STD-002
Thermal shock test	MIL-STD-202 Method 107, EIA-364-32
Mixed Flowing Gas	EIA-364-65, IEC 60068-2-60

Technical Reviewer of DQS: Michael Chou    Date: 5/24/2023

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