



Schedule of Scope to Certificate of Approval
Independent Testing Laboratory
 IECQ Certificate No.: IECQ-L ULTW 09.0023
 CB Certificate No.: T1130

Schedule Number: IECQ-L ULTW 09.0023-S Rev No.: 6 Revision Date: 2017/12/12 Page 1 of 2

Appendix-1 (T1130)

Schedule of Scope to Certificate of Approval

Description test	Standard	Remark
Low Temperature Operation	IEC 60068-2-1	Or customer specified test conditions
Low Temperature Storage	IEC 60068-2-1	Or customer specified test conditions
High Temperature Operation	IEC 60068-2-2	Or customer specified test conditions
High Temperature Storage	IEC 60068-2-2	Or customer specified test conditions
High Temperature & High Humidity Operation	IEC 60068-2-3	Or customer specified test conditions
High Temperature & High Humidity Storage	IEC 60068-2-3	Or customer specified test conditions
Temperature Cycling	IEC 60068-2-14	Or customer specified test conditions
Thermal Shock	IEC 60068-2-14	Or customer specified test conditions
Altitude (Operation)	IEC 60068-2-13	Or customer specified test conditions
Altitude (Non - O/P)	IEC 60068-2-13	Or customer specified test conditions
Combined Environments Test	IEC 60068-2-38	Or customer specified test conditions
Thermal Vibration	IEC 60068-2-1 IEC 60068-2-14 IEC 60068-2-53 IEC 60068-2-64	Or customer specified test conditions
Solar Test	IEC 60068-2-5	Or customer specified test conditions
Flowing Mixed gas corrosion Test	IEC 60068-2-60	Or customer specified test conditions
Salt Test	IEC 60068-2-52	Or customer specified test conditions
Water Protection Test	IEC 60529	Or customer specified test conditions
Dust Test	IEC 60529 ISO 12103-1 A2	Or customer specified test conditions
Optical measurement	SID-IDMS 1.03	Or customer specified test conditions
Vacuum suck pump test	SID-IDMS 1.03	Or customer specified test conditions
Terminal ESD Test HBM (Non-O/P)	EIAJ EDEC JESD22-A114F MIL-STD-883E(Method 3015.7)	Or customer specified test conditions

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



IEC QUALITY ASSESSMENT SYSTEM (IECQ)
 covering Electronic Components,
 Assemblies, Related Materials and Processes
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Description test	Standard	Remark
Terminal ESD Test MM (Non-O/P)	EIAJ EDEC JESD22-A115C	Or customer specified test conditions
Rattling Test	IEC 60068-2-65	Or customer specified test conditions
Pressure Test	13QM100284 13QM100281	Or customer specified test conditions
Glass Strength	ASTM C158	Or customer specified test conditions
Glass Strength-ROR (Ring on Ring)	ASTM-C1499-15	Or customer specified test conditions
Tensile Test	IEC 60068-2-21	Or customer specified test conditions
Mechanical Shock	IEC 60068-2-27	Or customer specified test conditions
Vibration (Sine wave)	IEC 60068-2-6	Or customer specified test conditions
Vibration (Random)	IEC 60068-2-34	Or customer specified test conditions
Packing Vibration	ASTM D4728-06	Or customer specified test conditions

Technical Reviewer of DQS: Michael Chou Date: 11/17/2017

US-NAI, ECCC T.R.C.C. sign: *Joe Lee* Date: Nov. 20, 2017

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