

## **IEC QUALITY ASSESSMENT SYSTEM (IECQ)**

covering Electronic Components, Assemblies, Related Materials and Processes

For rules and details of the IECQ visit www.iecq.org

## Schedule of Scope to Certificate of Conformity Independent Testing Laboratory

IECQ Certificate No.: IECQ-L LCIE 25.0001 CB Certificate No.: 25297957-808978

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TEST		RANGE	STANDARD
Electric and electronic equipment and metal materials	Environmental testing - Test Ka: Salt mist	-	CEI EN IEC 60068-2- 11:2022
Electric, electronic and mechanical equipment, components and materials	Environmental testing - Test A: Cold	-20°C to -40°C	CEI EN 60068-2- <u>1:</u> 2007 - <u>only</u> Ab
Electric, electronic and mechanical equipment, components and materials	Environmental testing - Test Nb: Change of temperature	-40°C <u>a</u> +150°C max variation 5K/min. (Nb)	CEI EN IEC 60068-2- <u>14:</u> 2024
Electric, electronic and mechanical equipment, components and materials	Environmental testing - Test B: Dry heat	+40°C to +150°C	CEI EN 60068-2- <u>2:</u> 2008
Apparecchiature elettriche, elettroniche e meccaniche, componenti e materiali/Electric, electronic and mechanical equipment, components and materials	Prove ambientali - Prova Db: Caldo umido, ciclico (ciclo di 12h + 12h)/Environmental testing - Test Db: Damp heat, cyclic (12 h + 12 h cycle)	40°C - 60° <u>C;</u> max 98%RH	CEI EN 60068-2- <u>30:</u> 2006
Electric, electronic and mechanical equipment, components and materials	Environmental testing - Test Cab: Damp heat, steady state	10°C to 90° <u>C;</u> 20%-95%	CEI EN 60068-2- <u>78:</u> 2013
Connectors for electronic equipment	Contact resistance	>1mohm; ADC	CEI EN 60512-2- <u>1:</u> 2003
Connectors for electronic equipment	Contact resistance	>0,1 <u>mV;</u> 1A to 1900 <u>A;</u> ADC	CEI EN 60512-2- <u>2:</u> 2003
Connectors for electronic equipment	Temperature rise	1A to 1900A	EN 60512-5- <u>1:</u> 2002, IEC 60512-5- <u>1:</u> 2002
Connectors for electronic equipment	Insulation resistance	100VDC to 1000VDC; 10Mohm to 100Gohm	CEI EN 60512-3- <u>1:</u> 2002
Connectors for electronic equipment	Current-temperature derating	1A to 1900A	EN 60512-5-2:2002, IEC 60512-5-2:2002
Connectors for electronic equipment	Voltage tests	1000V-40000VAC 50Hz	CEI EN 60512-4- <u>1:</u> 2003, EN 60512-4- <u>1:</u> 2003, IEC 60512-4- <u>1:</u> 2003
Connectors for electronic equipment	Circuit integrity, Resistenza di contatto/Test 2f: Housing (shell) electrical continuity	0,1mV to 100mv - 0,1A to 1 A	CEI EN 60512-2- <u>6:</u> 2003, EN 60512-2- <u>6:</u> 2002, IEC 60512-2- <u>6:</u> 2002

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