IECQ
COMPONENT SPECIFICATION

IEC Quality Assessment System for Electronic Components (IECQ System)

Intelligent Washing Machine and Intelligent Dryer
CLGZ10E/CLHZ10E Wi-Fi Module MMKV23-350N – K182-CO-0001
FOREWORD

The IEC Quality Assessment System for Electronic Components (IECQ) is composed of those member countries of the International Electrotechnical Commission (IEC) who wish to take part in a harmonized system for electronic components of assessment quality. IECQ is also formally known in some European member countries as IECQ-CECC.

The object of the System is to facilitate international trade via business-to-business supply chain management tools and the harmonization of the specifications and quality assessment procedures for electronic components, assemblies and related materials and processes, and by the grant of an international recognized Certification of Conformity and the optional use of an IECQ Mark of Conformity. The components produced or services provided under the System are therefore accepted in all member countries without further testing.

This Component Specification is based upon the requirements of IECQ 03 Series of Rules of Procedure by:

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and published under the authority of:

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AMENDMENT RECORD

No previous editions.

REQUIREMENTS

The following data sheet satisfies the requirements of IECQ Component Specifications as detailed in IECQ 03 Series of Rules of Procedure.

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**Electronic Components of Assessed Quality Component Specification in according with:**

- DEKRA K182
- ETSI ES 202 396-1
- GB/T 39384
- IEC TS 63134
- ITU-T Recommendation G.1010 Series G TR-398

**Outline drawing and install information:**
The Wi-Fi module MMKV23-350N is designed to be embedded in intelligent washing machines CLGZ10E and intelligent dryer CLHZ10E with a size of 36mm*29mm*1mm (L*W*H) and a 4 pin interface connected to their control boards.

Refer to Section 1.1.1 for details
Component Specification for CLGZ10E/CLHZ10E
Wi-Fi Module MMKV23-350N – K182-CO-0001

Section one – General information

1.1 Approved Scope
This specification is applicable to CLGZ10E/CLHZ10E Wi-Fi Module MMKV23-350N – K182-CO-0001.

This specification defines the functional performance requirements for initial qualification and for any component product changes and to establish the ongoing quality conformance inspection procedure / controls for production lot by lot inspection and release of the IECQ Approved Component Wi-Fi Module MMKV23-350N – K182-CO-0001, used in intelligent washing machines and dryers.

The Wi-Fi module is a PCBA installed in the intelligent washing machine/dryer which is responsible to connect the device to the mobile App, and transfer the protocol sent from server to the control command recognized by Main Control Unit (MCU), with Wi-Fi SoC IC and interface connection to the intelligent washing machine/dryer control board. The overview of the architecture for the smart home system is shown in Figure 1.

Figure 1 – overview of the architecture for the smart home system

1.1.1 Appearance, Modules and Dimensions
The Wi-Fi module MMKV23-350N supports Wi-Fi 2.4 GHz with IEEE 802.11 b/g/n with module dimensions 36mm*29mm*1mm (L*W*H).

Figure 2 – Appearance Wi-Fi Module