

ICS 31.120
CCS L 40



**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB/T 18910.2-2003

**Liquid crystal and solid-state display devices -- Part 2: Liquid
crystal display modules sectional specification**

(English Translation)

Issued on: November 24, 2003

Implemented on: August 1, 2004

**Issued by: General Administration of Quality Supervision, Inspection and
Quarantine of PRC**

Table of Contents

Foreword...	3
1 Scope...	5
2 Normative reference...	5
3 Definitions...	6
4 Quality assessment procedure...	7
5 Test and measurement procedures...	11

Foreword

The expected structure of GB/T 18910 "Liquid crystal and solid-state display devices" is as follows.

Part 1.Generic specification;

Part 2.Liquid crystal display modules sectional specification;

Part 2-1.Passive matrix monochrome LCD modules - Blank detail specification;

Part 3.Sectional specification for liquid crystal display (LCD) cells;

Part 3-1.Liquid crystal display (LCD) - Blank detail specification;

Part 4.Liquid crystal display modules and cells - Essential ratings and characteristics;

Part 5.Environmental endurance and mechanical test methods;

This is part 2 of GB/T 18910, which equivalently adopts IEC 61747-2:1998 (QC 720300) "Liquid crystal and solid-state display devices - Part 2.Liquid crystal display modules sectional specification" (English version).

To facilitate use, this part has made the following editorial changes.

- a) USE the decimal point "." to replace the comma ",", which is used as the decimal point;
- b) DELETE the foreword to the international standard;
- c) In clause 2, ADD the referenced international standard "IEC 61747-5";

d) In clause 4.6, according to the actual contents of GB/T 18910.1 (IEC 61747-1.1998, IDT), CHANGE "3.6" into "5.6";

e) In note 1 to Table 5, according to the actual contents of GB/T 18910.1 (IEC 61747-1.1998, IDT), CHANGE "2.6" to "4.5".

This part was proposed by the Ministry of Information Industry of PRC.

This part shall be under the jurisdiction of the China Electronics Standardization Institute (CESI).

Drafting organization of this part. China Electronics Standardization Institute (CESI).

Liquid crystal and solid-state display devices - Part 2.

Liquid crystal display modules sectional specification

1 Scope

This sectional specification applies to liquid crystal and solid-state display modules such as the following.

- Static / segment type liquid crystal display modules;
- Passive matrix monochrome liquid crystal display modules;
- Passive matrix color liquid crystal display modules;
- Active matrix monochrome liquid crystal display modules;
- Active matrix color liquid crystal display modules.

It gives details of the Quality Assessment Procedures, the inspection requirements, screening sequences, sampling requirements, and test and measurement procedures required for the assessment of liquid crystal display modules.

Note 1: Instead of the Qualification Approval Procedure, the Capability Approval Procedure (see Rules of Procedures QC 001002, subclause 11.7), which is at present under consideration, may be used for all products manufactured in a defined process.

Note 2: All the requirements of this specification remain valid, unless modified

by the requirements set out by the new clause. Capability Approval Procedure (under consideration).

2 Normative reference

The following normative document contains provisions which, through reference in this text, constitute provisions of this part of GB/T 18910. For the dated references, the subsequent amendments (excluding corrections) or revisions do not apply to this standard; however, parties who reach an agreement based on this standard are encouraged to study if the latest versions of these documents are applicable. For undated references, the latest edition of the referenced document applies.

.....