

 华芯科技(恩施)有限公司 Huaxin Tenchnology (Enshi) Co. LTD	Module No:	ESHX397WV0012B-A
	REV: A	
SPEC TITLE DOCUMENT CONTROL SPECIFICATION	DATE:	2022-09-22

表单编码: ESHX-QR-RD-033A

LCD MODULE SPECIFICATION

PART NO: ESHX397WV0012B-A

Approved	Checked	Prepared	Date Issued
		Xiao	2022-09-22

Customer Approval	☐ Approved ☐ Reject Comment:
--------------------------	--



ESHX397WV0012B-A

REV: A

2022-09-22

DOCUMENT CONTROL SPECIFICATION

表单编码: ESHX-QR-RD-033A

1. DOCUMENT REVISION HISTORY

Sample Version	Doc. Version	DATE	DESCRIPTION	CHECKED BY
01	A	2022-09-22	First Release.	Xiao

 华芯科技(恩施)有限公司 Huaxin Tenchnology (Enshi) Co. LTD	Module No:	ESHX397WV0012B-A
	REV: A	
SPEC TITLE DOCUMENT CONTROL SPECIFICATION	DATE:	2022-09-22

表单编码: ESHX-QR-RD-033A

2.CONTENTS

List	Description	Page NO.
1	DOCUMENT REVISION HISTORY	2
2	CONTENT	3
3	GENERAL DESCRIPTION	4
4	MECHANICAL SPECIFICATIONS	4
5	OUTLINE DIMENSIONS	5
6	PIN CONNECTIONS	6
7	MAXIMUM ABSOLTE LIMIT	7
8	ELECTRICAL CHARACTERISTICS	8
9	AC CHARACTERISTICS	9
10	OPTICAL CHARACTERISTICS	13
11	QUALITY LEVEL	16
12	PRECAUTIONS	21
13	PACKAGING INFORMATION	22

 华芯科技(恩施)有限公司 Huaxin Tenchnology (Enshi) Co. LTD	Module No:	ESHX397WV0012B-A
	REV: A	
SPEC TITLE DOCUMENT CONTROL SPECIFICATION	DATE:	2022-09-22

表单编码: ESHX-QR-RD-033A

3. GENERAL DESCRIPTION:

- 3.97”(TFT), 480×RGB×800dots, 262K colors, Transmissive, TFT LCD module.
- Viewing Direction: ALL
- Driving IC:GC9503V
- Interface : MIPI
- Power voltage: 2.8V (typ.)

4 . MECHANICAL SPECIFICATIONS:

Item	Specifications	Unit
Outline Size	57.14(W) x96.85(H) x 2.1(D)	mm
LCD active area	51.84x86.4	mm
Display format	480×RGB×800	dots
Color configuration	RGB stripes	mm
Pixel pitch	0.108 x 0.108	mm
Weight	TBD	g
Operation Temp.	-10~+60	°C
Storage Temp.	-20~+70	°C

 华芯科技(恩施)有限公司 Huaxin Tcnhnology(Enshi) Co. LTD	Module No:	ESHX397WV0012B-A
	REV: A	
SPEC TITLE DOCUMENT CONTROL SPECIFICATION	DATE:	2022-09-22

表单编码: ESHX-QR-RD-033A

5.OUTLINE DIMENSIONS

