## **SHARP**

# LQ039Q2DS54

**Color TFT-LCD Module** 

(Handheld PC)

### **Features**

- Super Mobile TFT-LCD (HR\*-TFT)
- 9.8 cm [3.9"] QVGA format
- Low power consumption (92 mW)
  - \*...High Reflection

- Thin structure (645 mm) & lightweight (95 g) utilizing ACF-COG technology
- Built in CCFT front light system
- Touch Panel

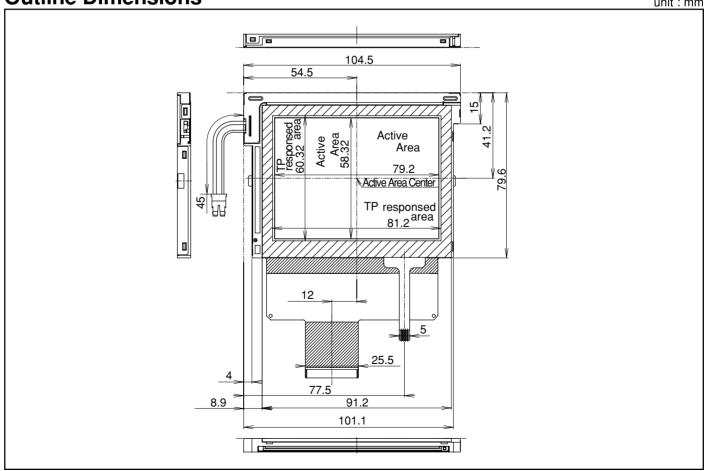
## **Specifications**

Parameter		Unit
Display size	9.8 [3.9]	cm [ "]
Dot format (H x V)	320 x RGB x 240	dot
Dot pitch (H x V)	0.083 x 0.243	mm
Active area (H x V)	79.2 x 58.3	mm
Color	262 144	color
Input signal	6-bit digital RGB	ı
Viewing direction	12:00	-
Backlight type	-	-

Parameter		Unit
Brightness	40 (FL)	cd/m <sup>2</sup>
Contrast ratio	11 : 1 (FL)	-
Power consumption	92	mW
Outline dimensions (W x H x D)	104.5 x 79.6 x 6.45	mm
Weight	95	g
Operating temperature	0 to +50	°C
Storage temperature	-25 to +70	°C
	_	·

**Outline Dimensions** 

unit: mm



In the absence of confirmation by device specification sheets, SHARP takes no responsibility for any defects that may occur in using any SHARP devices shown in catalogs, data books, etc.

Contact SHARP in order to obtain the latest device specification sheets before using any SHARP device. Specifications are subject to change without notice for improvement.

#### SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE.

Suggested applications (if any) are for standard use; See Important Restrictions for limitations on special applications. See Limited Warranty for SHARP's product warranty. The Limited Warranty is in lieu, and exclusive of, all other warranties, express or implied. ALL EXPRESS AND IMPLIED WARRANTIES, INCLUDING THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR USE AND FITNESS FOR A PARTICULAR PURPOSE, ARE SPECIFICALLY EXCLUDED. In no event will SHARP be liable, or in any way responsible, for any incidental or consequential economic or property damage.



#### **NORTH AMERICA**

SHARP Microelectronics of the Americas 5700 NW Pacific Rim Blvd. Camas, WA 98607, U.S.A. Phone: (360) 834-2500 Fax: (360) 834-8903 http://www.sharpsma.com

#### EUROPE

SHARP Microelectronics Europe Sonninstraße 3 20097 Hamburg, Germany Phone: (49) 40 2376-2286 Fax: (49) 40 2376-2232 http://www.sharpsme.com

#### ASIA

SHARP Corporation Integrated Circuits Group 2613-1 Ichinomoto-Cho Tenri-City, Nara, 632, Japan Phone: +81-743-65-1321 Fax: +81-743-65-1532 http://www.sharp.co.jp