

LCD7WVGAHBL5 & LCD7WVGATSHBL5

High brightness, Sunlight readable 7 " Color TFT LCD Module with VGA, S-video, and Composite Video inputs.

(Vehicle OEM specifications temperature range)

Specifications

Part Number: LCD7WVGAHBL5 (No Touch Screen) and LCD7WVGATSHBL5 (with Touch Screen)

Screen Size (inch): 7.0 (diagonal)

Display Format: 800 x (RGB) x 480 dot

Display Colors: 262,144

Active Area (mm): 152.4(H) x 91.44(V) Pixel Pitch (mm) 0.190(H) x 0.190(V) Pixel Configuration Stripe

Backlight: LED

Operating Temp Range: -20° to +70°C

Storage Temp Range: -30° to +80°C

2-2 High Temperature Storage Test: Ta=+80, 240 hrs.

2-3 Low Temperature Storage Test: Ta=-30, 240 hrs.

2-4 High Temperature Operation Test: Ta=+70, 240 hrs.

2-5 Low Temperature Operation Test: Ta=-20, 240 hrs.

2-6 High Temperature & High Humidity: Ta=+60, 90%RH, 240 hrs.

Operation Test: (No Condensation)

2-7 Thermal Cycling Test: -30 -+80, 100 Cycles

(non-operating) 30min 30min

2-8 Vibration Test: Frequency: 10~55Hz

(non-operating) Amplitude: 1mm

Sweep time: 11 min

Test Period: 6 Cycles for each direction of X,Y,Z

2-9 Shock Test: 100G, 6ms

(non-operating) Direction: ± X, ±Y, ±Z Cycle: 3 times

2-10 Electrostatic Discharge Test: 200pF, 0Ω

(non-operating) ± 200V

1 time / each terminal

2-11 Lamp Life Time: 30,000hr

2-12 Brightness: Typ. 1,000 cd/m²

2-13 Contrast Ratio: Typ. 600

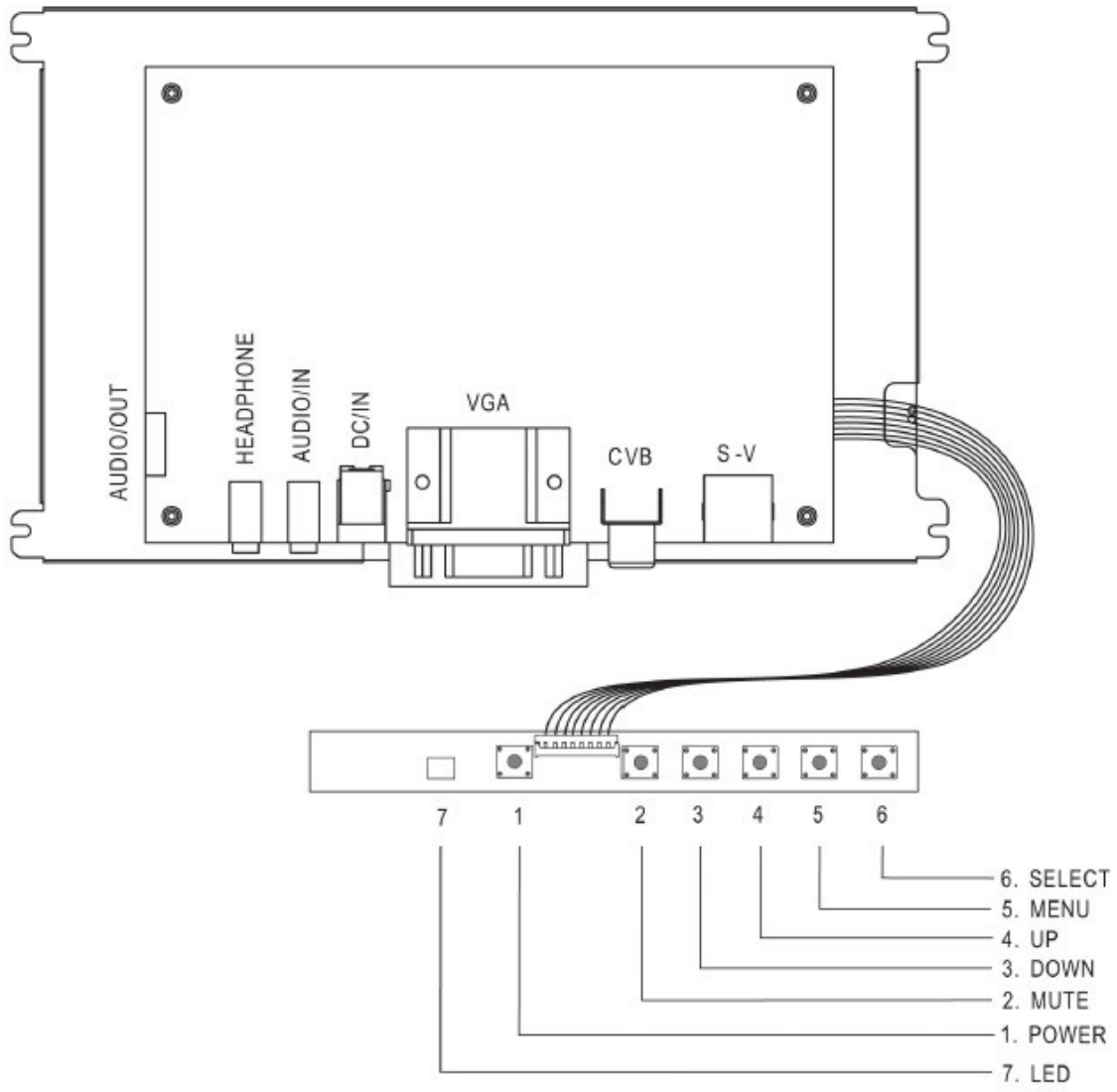
2-14 Response Time: Typ. Tr 15ms

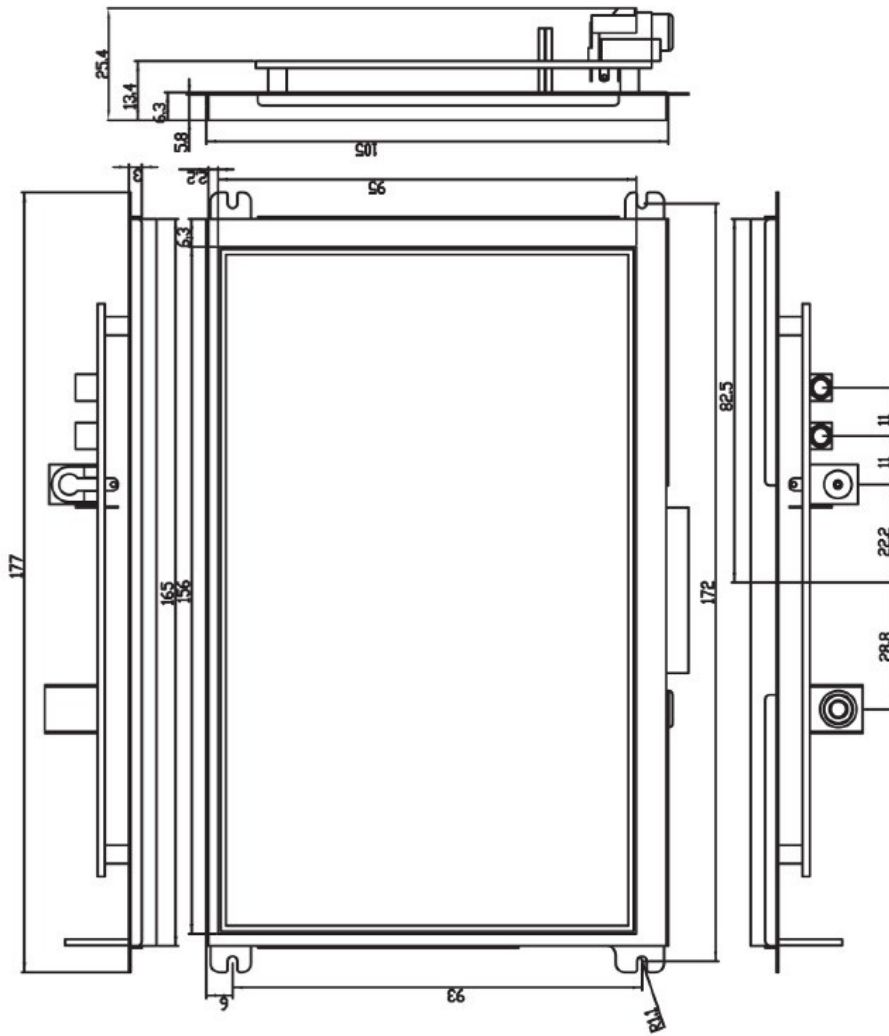
2-15 Weight (g): TBD

2-16 Outline Dimension: 177(W) x105(H) x 27.4(D) mm

Connector

1. Power Switch to Switch Power ON/OFF
2. MUTE Key to Switch Volume Mute
3. DOWN Key <1> Adjusts upward/downward the values of the select option
4. UP Key <2> Selects upward/downward on option item to be adjusted
5. MENU Key <1> Launches the OSD menu, <2> Scrolls the OSD menu
6. Select Key Source selects VGA/AV/S-V
7. LED Key <1>Power ON-Green, <2>Power OFF-Red





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