

Datasheet

NEWHAVEN DISPLAY INTERNATIONAL NHD-2.4- 240320CF-CTXI#-FT TFT Touchscreen Display Module, 2.4in, 240 x 320pixels

RS Stock No: 909-2005



Product Details

Newhaven Display OLED Display Modules

Newhaven Display International Organic Light Emitting Diode (OLED) Displays are brighter, higher contrast displays that have faster response times, wider viewing angles and use less power than conventional displays. OLED displays are self-illuminating and require no backlight for maximum visibility in all environments. This also allows OLEDs to be significantly thinner than standard VFD, LED or LCD displays. Newhaven Display offers Character and Graphic type OLED displays as complete, easy-to-use modules.

Newhaven AMOLED Displays



General Specifications:

| | |
|-------------------------------|---|
| Diagonal Display Size | 2.4in |
| Interface Type | FFC ZIF I/O |
| Resolution | 240 x 320pixels |
| Touch Screen | Yes |
| Viewing Area Dimensions | 51.56 x 39.32mm |
| Supply Voltage | 1.65 → 3.3 (Logic) V, 2.4 → 3.3 (LCD) V |
| Backlight Type | LED |
| AC or DC Input Voltage | Dc |
| Dimensions | 3.85 x 42.72 x 60.26mm |
| Display Matrix Technology | TFT |
| Minimum Operating Temperature | -20°C |
| Maximum Operating Temperature | +70°C |
| Maximum Operating Temperature | 60.26mm |
| Voltage Rating | 2.8V |
| Current Rating | 9mA |
| Viewing Area Height | 51.56mm |
| Width | 42.72mm |
| Display Type | LCD |
| Brightness | 150cd/m ² |
| Height | 3.85mm |
| Number of Colours | 1 |
| Operating Temperature Range | -20 → +70°C |
| Contrast RatioContrast Ratio | 200:1 |
| Viewing Area Width | 39.32mm |
| Response Time | 8 (Rise) ms, 24 (Fall) ms |
| Standards Met | RoHS Compliant |