

Medical Applications

Medical Equipment



Medical Equipment

Some medical devices are more mission-critical than others. That doesn't mean reliability is any less vital in the machines that don't monitor vital signs.

Whether the device is life-saving or more focused on providing comfort during treatment, these medical devices must be able to withstand whatever demands the day (or night) holds, including exposure to moisture and constant abuse. Our comprehensive portfolio helps ensure that no matter the environment, nurses, doctors and operators have the reliable and accurate visual communication in place to deliver safer operation.

From capacitive touch sensor display technology to thin seven-segment displays and LEDs in a range of single and bi-color options, VCC is enabling more intelligent medical device design for any application.

These products are designed to maintain comfort during treatment and even help save lives, in the case of heated blankets post-surgery. But they're also designed to save manufacturers when it comes to production time and costs. VCC excels in providing customers the custom and in-stock solutions that enhance designs and exceed expectations.

Applications

- Hospital beds
- Medical laser equipment
- Blanket warmers
- Hospital bed accessories
- Dental laser equipment
- Warming cabinets



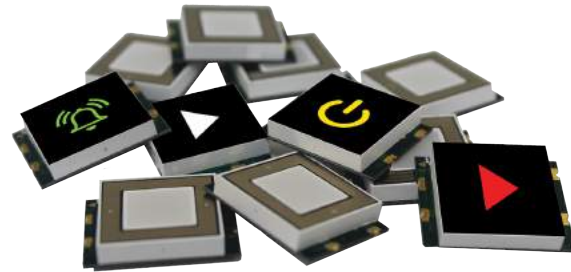
CTH Series



Capacitive Touch Sensor Display

- Through hole touch sensor LED display
- Capacitive touch sensor display technology
- Intuitive interface for users and simplifies customers interactions
- Robust design due to no mechanical moving parts
- Offers cost savings by eliminating the need for a traditional switch
- Color: super red, white, pure green, blue or yellow
- Available in one standard size: 15.0mm x 15.0mm x 11.0mm
- Uniform illumination and high optical clarity due to LED technology
- Optional overlay (icons): on/off, arrow, alarm
- Custom overlay icon can be manufactured upon request – contact VCC
- RoHS compliant

CSM Series



Capacitive Touch Sensor Display

- SMD touch sensor LED display
- Integrated touch sensing and illuminated display technology
- Robust design due to no mechanical moving parts
- Simplifies devices design and manufacturing
- Mounting type: surface mount or reverse mounting
- Color: super red, white, pure green, blue or yellow
- Touch sensor: integrated circuit (IC)
- Available in one standard size: 15.0mm x 15.0mm x 3.2mm
- Uniform illumination and high optical clarity due to LED technology
- Optional overlay (icons): on/off, arrow, alarm
- Custom overlay icon can be manufactured upon request – contact VCC
- RoHS compliant

PML50 Series



IP67 Panel Mount Indicator

- IP67 ruggedized LED indicator
- Unique optical low profile lens
- Ø0.69" (17.5mm) mounting hole
- Flex volt technology: 5V to 28V
- Wire leads
- LED long life
- Direct sunlight visibility
- Colors: red, green, yellow, blue, white
- Bi-color: red/green
- IP67 rated
- Vibration resistant
- RoHS compliant

PCL22 Series



IP65 LED Pilot Light

- Advanced light diffusion technology
- LED pilot light
- Ø0.88" (22mm) mounting hole
- Voltage: 12VDC, 24VDC
- Diffused translucent lens
- Direct sunlight visibility
- Single color: red, green, yellow, blue, white
- Bi-color: red/green
- IP65 rated
- Vibration resistant
- RoHS compliant



1092 Series



Panel Mount Indicator

- High intensity LED indicator
- Ø0.50" (12.7mm) mounting hole
- Voltage: 12VDC, 28VDC, 120VAC
- Wire leads, quick connect tab terminals
- LED long life
- Direct sunlight visibility
- Colors: red, green, amber, blue
- Four different lens options
- Snap-fit
- "D" mounting hole prevent any rotation
- Optional O-ring for improved sealability
- RoHS compliant

HMS_462 Series



Watertight LED Panel Lens

- Round watertight fresnel lens
- Designed for outdoor environments
- Threaded lens enable quick installation
- Ø0.56" (14.27mm) mounting hole
- Lock washer enable quick installation
- Colors: red, amber, green, blue, yellow, clear
- Lens-polycarbonate UL 94-V2
- Resistant to shock and vibration
- Moisture sealed
- RoHS compliant



VCC is a recognized global leader for illuminated electronic components including aerospace, food service, people movers, transportation, medical, telecom and industrial markets.

Providing custom and standard solutions with superior design engineering expertise, excellent customer service and the broadest product line in the industry VCC proudly exceed user experiences.

From simple to more complex human machine interface systems, VCC excels at designing, testing and manufacturing custom light indication solutions, in less time and on budget.

Start a conversation with one of our sales engineers today

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