



Press Release Quick Tips

VCC PRESENTS NEW ULTRA THIN SURFACE MOUNT SINGLE DIGIT 7-SEGMENT LED DISPLAY

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Product Name: DSM Ultra Thin Surface Mount Single Digit 7-Segment LED Display

Product Description: The Ultra Thin SMD LED display is developed on patented technology and is the industry's thinnest 7-segment display. This DSM series is available in single digit 7-segment numeric display, in 4 different digit heights (0.20, 0.30, 0.56 or 0.70 inch), and in 2 different bright colors (red or pure green). The DSM series enables innovative design opportunities due to its minimum thickness of 0.083 inch (2.10mm). It is also packaged in tape and reel for SMT manufacturing to reduce production time and costs.

Key Markets/Applications:

- People Movers
- Home Appliances
- Medical Devices
- Industrial Devices
- Automation and Controls
- Telecom
- Food Service Appliances
- Light Control
- Transportation

Key Benefits:

- Ultra thin 7 segment SMD numeric LED display
- Top-mount or reverse-mount applications which enable product design flexibility
- Reduce overall thickness of PCB, with major cost savings
- Low current operation
- Lower power consumption
- Life expectancy: 100,000 hours
- Easy mounting on PC boards or sockets
- High light output
- Excellent character appearance
- Automation-friendly tape and reel
- Technically and mechanically rugged
- Quality tested with the highest industry standard
- Exclusive patented technology



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Product Specifications :

- 1-digit seven segment LED numeric display
- SMD Mounting Type
- Made from AlGaInP on transparent GaAs substrate (Red) or InGaN on transparent GaN Substrate (Pure Green)
- Minimum thickness of 0.083 inch (2.10mm)
- Available in 4 digit heights: 0.20, 0.30, 0.56 or 0.70 inch, and in 2 colors: Red or Pure Green
- Moisture Sensitive Level (MSL): 2a
- Polarity: common anode
- Lead-Free (Pb-Free)
- RoHS and REACH compliant
- Available in Cut Tape or Tape and Reel

DSM Ultra Thin Surface Mount Single Digit 7-Segment LED Display datasheets:

Part Numbers	Description	Datasheet
DSM7UA20101	1 digit - 0.20 inch, red	http://vcclite.com/_pdf/DSM7UA20101.pdf
DSM7UA20101T	1 digit - 0.20 inch, red - Tape and Reel	http://vcclite.com/_pdf/DSM7UA20101.pdf
DSM7UA20105	1 digit - 0.20 inch, pure green	http://vcclite.com/_pdf/DSM7UA20105.pdf
DSM7UA20105T	1 digit - 0.20 inch, pure green - Tape and Reel	http://vcclite.com/_pdf/DSM7UA20105.pdf
DSM7UA30101	1 digit - 0.30 inch, red	http://vcclite.com/_pdf/DSM7UA30101.pdf
DSM7UA30101T	1 digit - 0.30 inch, red - Tape and Reel	http://vcclite.com/_pdf/DSM7UA30101.pdf
DSM7UA30105	1 digit - 0.30 inch, pure green	http://vcclite.com/_pdf/DSM7UA30105.pdf
DSM7UA30105T	1 digit - 0.30 inch, pure green - Tape and Reel	http://vcclite.com/_pdf/DSM7UA30105.pdf
DSM7UA56101	1 digit - 0.56 inch, red	http://vcclite.com/_pdf/DSM7UA56101.pdf
DSM7UA56101T	1 digit - 0.56 inch, red - Tape and Reel	http://vcclite.com/_pdf/DSM7UA56101.pdf
DSM7UA56105	1 digit - 0.56 inch, pure green	http://vcclite.com/_pdf/DSM7UA56105.pdf
DSM7UA56105T	1 digit - 0.56 inch, pure green- Tape and Reel	http://vcclite.com/_pdf/DSM7UA56105.pdf
DSM7UA70101	1 digit - 0.70 inch, red	http://vcclite.com/_pdf/DSM7UA70101.pdf
DSM7UA70101T	1 digit - 0.70 inch, red - Tape and Reel	http://vcclite.com/_pdf/DSM7UA70101.pdf
DSM7UA70105	1 digit - 0.70 inch, pure green	http://vcclite.com/_pdf/DSM7UA70105.pdf
DSM7UA70105T	1 digit - 0.70 inch, pure green - Tape and Reel	http://vcclite.com/_pdf/DSM7UA70105.pdf

For additional information about VCC, please visit www.vcclite.com
