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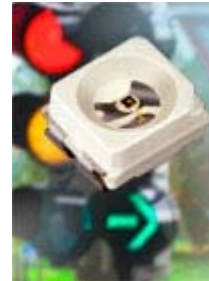
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The information below is also available in PDF format which can be read in Adobe® Acrobat® by clicking on this link: http://www.vishay.com/marcom/hn/npi/npi_tlmk3210.pdf
To access the product datasheets on the Vishay Web site, go to:
<http://www.vishay.com/doc?84616> (TLMx321x)

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High Power SMD LED in Organic Mirror Advanced (OMA) Technology

The TLMK3210 doubles the light output compared to Vishay's Power SMD LED TLMK3200



The new TLMK3210 SMD LED are designed with the new Chip technology **OMA**, in the PLCC3 package form.

The News:

The TLMK 3210 is the first product with the advanced modification of the Vishay TLMx 32xx Series. These device has been designed to meet the increasing demand for surface mounting technology.

It consists of a lead frame which is embedded in a white thermoplast. The reflector inside this package is filled up with clear epoxy

Product	Color	Iv / mcd @ IF = 50 mA (typ.)	Dominant Wavelength/nm IF = 50 mA (typ.)	Angle of Half Intensity
TLMK3210	Red	1250	617	+/-60°

Features:

- SMD LED with exceptional high brightness
- Compatible with automatic placement equipment
- Available in 8mm tape reel
- Low profile package
- High reliability lead frame based
- Temperature Range -40°C to +100°C
- Luminous intensity ratio in one packaging unit $I_{V \max} / I_{V \min} < 1,6$
- ESD class 2
- Suitable for all soldering methods according to CECC

- High efficient AlInGaP technology
- Lead free device

The Key Applications:

- Interior and exterior automotive lighting, brakelights
- Illuminated advertising's
- Backlighting (LCD, switches, keys, displays)
- Marker light's (exit ways etc)
- Traffic lights
- Signal and symbol luminaire

Availability:

- **Samples: Available,**

- **Production Quantities: Q1 / 2005**

Lead times: 8 Weeks

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