

**Kingbright** USA

**QUANTUMDot 01005 [0.4x0.2MM]**

Next Generation of Ultra-Compact LEDs





# QUANTUMDot 01005 [0.4 x 0.2 mm]

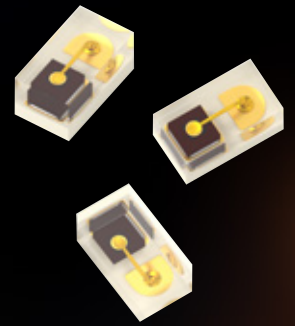
Next Generation of Ultra-Compact LEDs

## Product Features

- 0.45mm x 0.25mm SMD LED, 0.2mm thickness
- Low power consumption
- Wide viewing angle 140°
- Compatible with automatic placement equipment
- Halogen-Free
- RoHS compliant

## Applications

- Backlights
- Healthcare devices
- Home and smart appliances
- Robotics
- Status indicators
- Wearable and portable devices



Part Number	Color	Wavelength	Iv (mcd)		IF (mA)	Viewing Angle	Dimensions
			Min.	Typ.			
APG015SURKKC-TT	Red	631	10	35	10	140	<p>Technical drawing showing dimensions for the QuantumDot 01005 SMD LED. The top view shows a rectangular package with dimensions 0.45(0.018) mm (width) and 0.25(0.010) mm (height). The side view shows a thickness of 0.2(0.008) mm. The drawing also shows the cathode and anode pads with dimensions 0.1(0.004) mm and 0.17(0.007) mm. A detail view shows the LED chip with a diameter of 0.145(0.006) mm.</p>
APG015SYKKC-TT	Yellow	585	10	30	10	140	
APG015CGKKC-TT	Blue	571	6	15	10	140	
APG015SEKKC-TT	Orange	605	20	50	10	140	



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