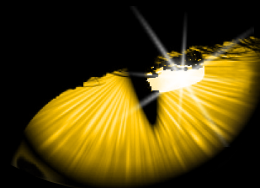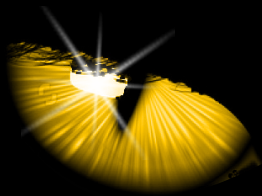# Kingbright

Brilliantly **Sharp**
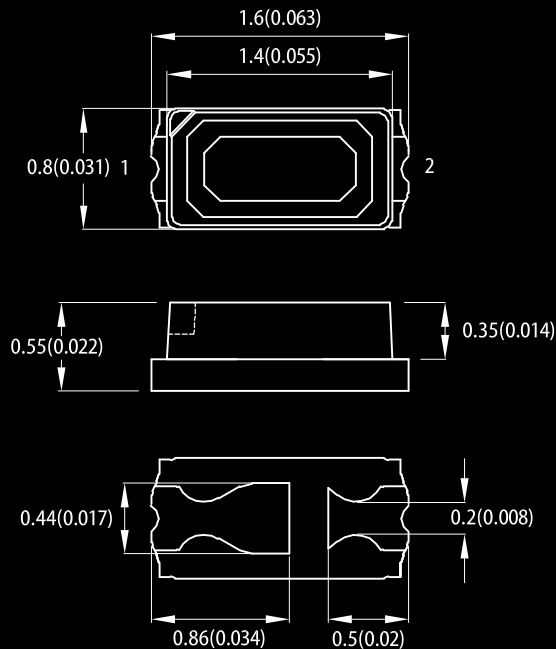*Low Profile Miniature PLCC-2 SMD LED*

Mini PLCC-2 SMD

Product Features

- Compact low profile miniature PLCC-2 package
- Industry standard 0603 footprint -
  1.6mm x 0.8mm x 0.55mm (L x W x H)
- Outstanding high intensity output with
  low power consumption
- Moisture sensitivity level: 3
- RoHS Compliant & Halogen free

Applications

- Backlight
- Status indicator
- Home automation & smart appliances
- Wearable & portable devices
- Healthcare applications

1.6(0.063)
1.4(0.055)
0.8(0.031) 1   2
0.55(0.022)   0.35(0.014)
0.44(0.017)   0.2(0.008)
0.86(0.034)   0.5(0.02)

1 ○———|◁|———○ 2

All dimensions are in
millimeters (inches)

PRODUCT SPECIFICATION

Part Number	Lens Type	Color	Wavelength (nm)	Luminous Intensity (Iv)		I_F (mA)	Viewing Angle $2\theta_{1/2}$
				Min	Typ.		
AA1608SURSK	Water Clear	🟥	630	40	160	20	120°
AA1608SESK	Water Clear	🟧	605	40	240	20	120°
AA1608SYSK	Water Clear	🟨	590	55	240	20	120°
AA1608CGSK	Water Clear	🟨	570	12	75	20	120°
AA1608ZGSK-10MAV	Water Clear	🟩	525	320	760	10	120°
AA1608VBS/A1-10MAV	Water Clear	🟦	468	50	160	10	120°
AA1608QBS/D-10MAV	Water Clear	🟦	465	30	80	10	120°
AA1608QWS/D-10MAV	Yellow Fluorescent	⬜	X=0.31, Y=0.31	250	490	10	120°
AA1608VWS/A1-10MAV	Yellow Fluorescent	⬜	X=0.31, Y=0.31	450	730	10	120°

Kingbright

Pb lead-free

RoHS EU 2015/863

BSI REGISTERED UKAS QUALITY MANAGEMENT ISO 9001: 2015 Certificate No. FM 509252

BSI REGISTERED UKAS QUALITY MANAGEMENT IATF 16949: 2016 Certificate No. 505943

BSI REGISTERED UKAS ENVIRONMENTAL MANAGEMENT ISO 14001: 2015 Certificate No. EMS 505945