

# 1206 ULTRA THIN LEDs FOR MEMBRANE SWITCHES

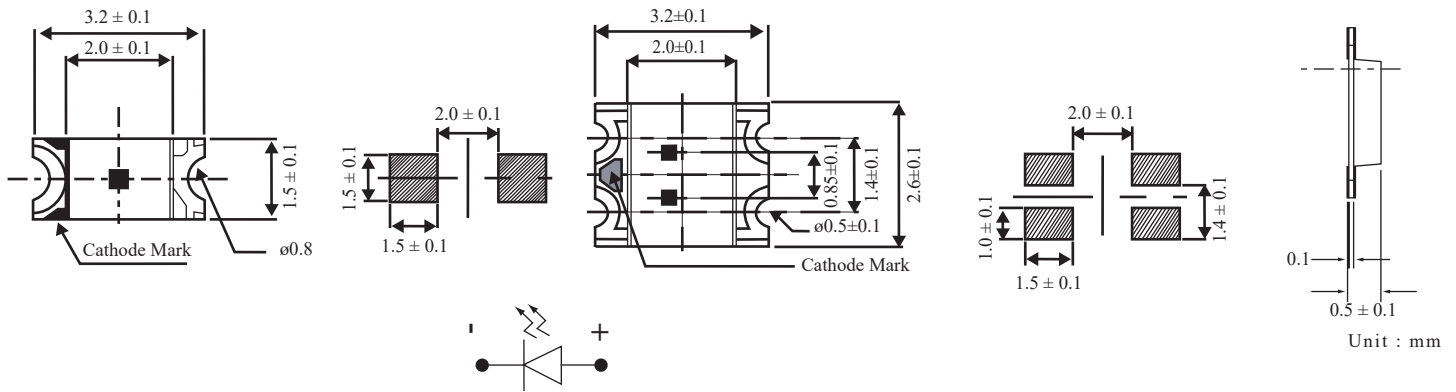
0.5mm Ultra Thin LEDs ideal for reducing Spacer Thickness and/or eliminate embossing

Wide Brightness & Colour Range

8mm tape & reel for automated pick & place machines

2,000 Pieces Per Reel

RoHS Compliant



Bicolour LED Note: Cathode Mark on Left, 1st colour listed on top.

Series	Power Dissipation (Pd)	Peak Forward Current (Duty 1/10 @ 1Khz) (IF)	Forward Current (IF)	Reverse Voltage (VR)	Electrostatic Discharge (ESD)	Operating Temp Range	Storage Temp Range	Soldering Temp
Red / Orange Yellow / Green	60mW	60mW	25mA	5V	2000V	-40~+85°C	-40~+90°C	260°C for 10Sec
Blue / White	95mW	100mW	25mA	5V	150V	-40~+85°C	-40~+90°C	260°C for 10Sec

Part Number	Lighting Colour	Die Material	V <sub>F</sub>			Peak Wavelength typ (nm)	Dominant Wavelength typ (nm)	I <sub>v</sub>			Viewing Angle (deg)
			I <sub>F</sub> (mA)	typ (V)	max (V)			I <sub>F</sub> (mA)	min (mcd)	typ (mcd)	
ZUR55W-05	Red	AlGaInP	20	2.0	2.4	632	624	20	14	37	140
ZUO55W-05	Orange	AlGaInP	20	2.0	2.4	611	605	20	11	48	140
ZUY55W-05	Yellow	AlGaInP	20	2.0	2.4	591	589	20	14	38	140
ZMG55W-05	Green	AlGaInP	20	2.0	2.4	575	573	20	9	14	140
ZUB55W-05	Blue	InGaN	20	3.3	3.7	468	470	20	36	90	140
ZPW55D-05	White	InGaN	20	3.3	3.7			20	45	300	140
BURMG57W-05	Red	AlGaInP	20	2.0	2.4	632	624	20	14	37	140
	Green	AlGaInP	20	2.0	2.4	575	573	20	9	14	140
BUYMG57W-05	Yellow	AlGaInP	20	2.0	2.4	591	589	20	14	38	140
	Green	AlGaInP	20	2.0	2.4	575	573	20	9	14	140
BURUY57W-05	Red	AlGaInP	20	2.0	2.4	632	624	20	14	37	140
	Yellow	AlGaInP	20	2.0	2.4	591	589	20	14	38	140