

1206 ULTRA THIN LEDs FOR MEMBRANE SWITCHES

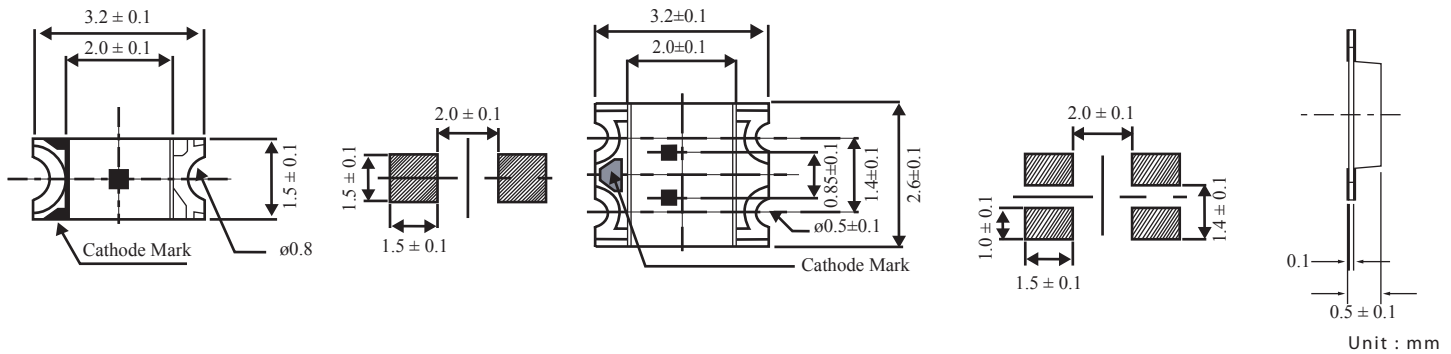
0.5mm Ultra Thin LEDs ideal for reducing Spacer Thickness and/or eliminate embossing

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
ZXX55W-05	60mW	160mW	25mA	5V	2000V	-40~+85°C	-40~+90°C	260°C for 5 Sec

Part Number	Lighting Colour	Die Material	V _F			Peak Wavelength typ (nm)	Dominant Wavelength typ (nm)	I _v			Viewing Angle (deg)
			I _F (mA)	typ (V)	max (V)			I _F (mA)	min (mcd)	typ (mcd)	
ZUR55W-05	Red	AIGaInP	20	2.0	2.4	632	624	20	14	37	140
ZUO55W-05	Orange	AIGaInP	20	2.0	2.4	611	605	20	11	30	140
ZUY55W-05	Yellow	AIGaInP	20	2.0	2.4	591	589	20	14	38	140
ZMG55W-05	Green	AIGaInP	20	2.0	2.4	575	573	20	9	14	140
ZUB55W-05	Blue	InGaN	25	3.5	4.3		470	20	2.6	7	140
ZPW55D-05	White	InGaN	25	2.7	3.15			20	45	112	140
BURMG57W-05	Red	AIGaInP	20	2.0	2.4		624	20	14	37	140
	Green										
BUYMG57W-05	Yellow	AIGaInP	20	2.0	2.4		589	20	14	38	140
	Green										
BURUY57W-05	Red	AIGaInP	20	2.0	2.4		624	20	14	37	140
	Yellow										