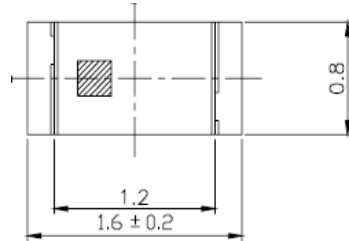


# Light-Emitting Diode

## SMD LED

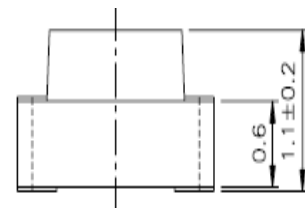
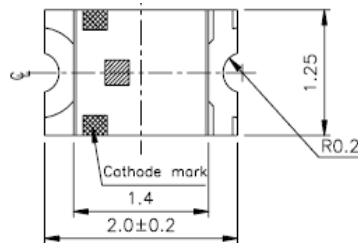
Part Number	Chip			Lens Type	VF(V) If=20mA	IV(mcd) If=20mA	Angle 201/2
	Material	Emitted Color	Wave Length λD(nm)				

### 0603 Package Chip LED



0603R1C-KPB-A	AlGaN	Red	620-635	Water Clear	1.9-2.4	40-80	120
0603R1C-KPC-B	AlGaN	Red	620-635	Water Clear	1.9-2.4	80-100	120
0603R1C-KHA-C	AlGaN	Red	620-635	Water Clear	1.9-2.4	100-140	120
0603Y1C-KPB-A	AlGaN	Yellow	580-595	Water Clear	1.9-2.4	40-80	120
0603Y1C-KPC-B	AlGaN	Yellow	580-595	Water Clear	1.9-2.4	80-120	120
0603Y1C-KHA-C	AlGaN	Yellow	580-595	Water Clear	1.9-2.4	120-160	120
0603G6C-KPB-P	AlGaN	Green	565-575	Water Clear	1.9-2.4	20-30	120
0603G6C-KPC-S	AlGaN	Green	565-575	Water Clear	1.9-2.4	40-80	120
0603B2C-KPB-A	InGaN	Blue	460-470	Water Clear	2.9-3.5	60-80	120
0603B2C-KPC-B	InGaN	Blue	460-470	Water Clear	2.9-3.5	80-120	120
0603G3C-KHB-A	InGaN	Green	520-530	Water Clear	2.9-3.5	200-250	120
0603G3C-KHC-B	InGaN	Green	520-530	Water Clear	2.9-3.5	300-500	120
0603W2C-KHB-A	InGaN	White		Water Clear	2.9-3.5	200-300	120
0603W2C-KHC-B	InGaN	White		Water Clear	2.9-3.5	350-560	120
0603W3C-A	InGaN	Warm White		Water Clear	2.9-3.5	350-560	120

### 0805 Package Chip LED

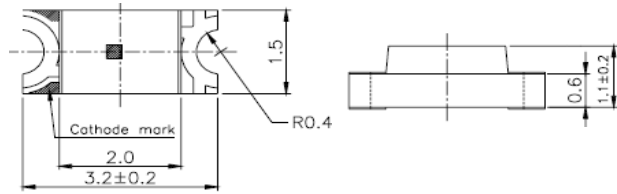


0805R1C-KPB-S	AlGaN	Red	630-640	Water Clear	1.9-2.4	20-50	120
0805R1C-KPB-A	AlGaN	Red	620-635	Water Clear	1.9-2.4	40-80	120
0805R1C-KPC-B	AlGaN	Red	620-635	Water Clear	1.9-2.4	80-100	120
0805R1C-KHA-C	AlGaN	Red	620-635	Water Clear	1.9-2.4	120-160	120
0805Y1C-KPB-A	AlGaN	Yellow	580-595	Water Clear	1.9-2.4	40-80	120
0805Y1C-KPC-B	AlGaN	Yellow	580-595	Water Clear	1.9-2.4	80-120	120
0805Y1C-KHA-C	AlGaN	Yellow	580-595	Water Clear	1.9-2.4	120-160	120
0805G6C-KPB-P	AlGaN	Green	565-575	Water Clear	1.9-2.4	10-30	120
0805G6C-KPC-S	AlGaN	Green	565-575	Water Clear	1.9-2.4	40-80	120
0805B2C-KPB-A	InGaN	Blue	460-470	Water Clear	2.9-3.5	60-80	120
0805B2C-KPC-B	InGaN	Blue	460-470	Water Clear	2.9-3.5	80-120	120
0805G3C-KHB-A	InGaN	Green	520-530	Water Clear	2.9-3.5	200-250	120
0805G3C-KHC-B	InGaN	Green	520-530	Water Clear	2.9-3.5	300-500	120
0805W2C-KHB-A	InGaN	White		Water Clear	2.9-3.5	200-300	120
0805W2C-KHC-B	InGaN	White		Water Clear	2.9-3.5	350-560	120
0805W3C-A	InGaN	Warm White		Water Clear	2.9-3.5	350-560	120
0805P1C-K-A	AlGaN	PINK		Water Clear	3.0-3.6	200-300	120

# Light-Emitting Diode

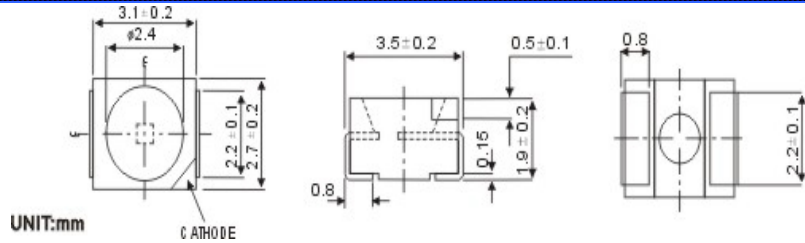
## SMD LED

1206 Package Chip LED



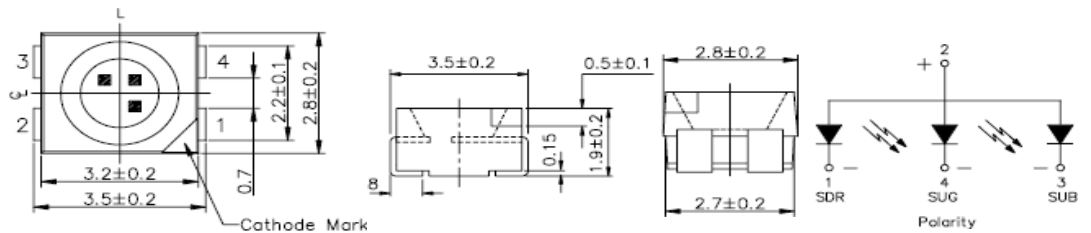
1206R1C-KPB-A	AlGaInP	Red	620-635	Water Clear	1.9-2.4	40-80	120
1206R1C-KPC-B	AlGaInP	Red	620-635	Water Clear	1.9-2.4	80-100	120
1206R1C-KHA-C	AlGaInP	Red	620-635	Water Clear	1.9-2.4	120-160	120
1206Y1C-KPB-A	AlGaInP	Yellow	580-595	Water Clear	1.9-2.4	40-80	120
1206Y1C-KPC-B	AlGaInP	Yellow	580-595	Water Clear	1.9-2.4	80-120	120
1206Y1C-KHA-C	AlGaInP	Yellow	580-595	Water Clear	1.9-2.4	120-160	120
1206G6C-KPB-P	AlGaInP	Green	565-575	Water Clear	1.9-2.4	10-30	120
1206G6C-KPC-S	AlGaInP	Green	565-575	Water Clear	1.9-2.4	40-80	120
1206B2C-KPB-A	InGaN	Blue	460-470	Water Clear	2.9-3.5	60-80	120
1206B2C-KPC-B	InGaN	Blue	460-470	Water Clear	2.9-3.5	80-120	120
1206G3C-KHB-A	InGaN	Green	520-530	Water Clear	2.9-3.5	200-250	120
1206G3C-KHC-B	InGaN	Green	520-530	Water Clear	2.9-3.5	300-500	120
1206W2C-KHB-A	InGaN	White		Water Clear	2.9-3.5	200-300	120
1206W2C-KHC-B	InGaN	White		Water Clear	2.9-3.5	350-560	120
1206W3C-A	InGaN	Warm White		Water Clear	2.9-3.5	350-560	120
1206P1C-K-A	AlGaInP	PINK		Water Clear	3.0-3.6	200-300	120
1206R1G6D-KPA	GaAsP/GaP	Red	620-635	White diffused	1.9-2.5	50	120
	GaAsP/GaP	Green	565-575		1.9-2.5		
1206G6D-S	AlGaInP	Green	565-575	White Diffused	1.9-2.4	30-72	120

### 3528 Top View With Full Color LEDs



3528R1C-KPC-K	AlGaInP	Red	620-635	Water Clear	1.9-2.4	150-250	120
3528R1C-KHA-C	AlGaInP	Red	620-635	Water Clear	1.9-2.4	300-450	120
3528Y1C-KPC-K	AlGaInP	Yellow	580-595	Water Clear	1.9-2.4	150-250	120
3528Y1C-KHA-C	AlGaInP	Yellow	580-595	Water Clear	1.9-2.4	300-450	120
3528A1C-KPC-B	AlGaInP	Amber	600-610	Water Clear	1.9-2.4	150-250	120
3528B2C-KPB-A	InGaN	Blue	460-470	Water Clear	3.0-3.6	100-200	120
3528B2C-KPC-C	InGaN	Blue	460-470	Water Clear	3.0-3.6	300-450	120
3528G3C-KHC-A	InGaN	Green	520-530	Water Clear	3.0-3.6	560-1000	120
3528W2C-KHB-A	InGaN	White		Water Clear	3.0-3.5	1600-2000	120
3528W2C-KHC-F	InGaN	White		Water Clear	3.0-3.5	2200-2800	120
3528W3C-KHC-A	InGaN	Warm White		Water Clear	3.0-3.6	1000-1600	120

### 3528 Top View With Full Color LEDs

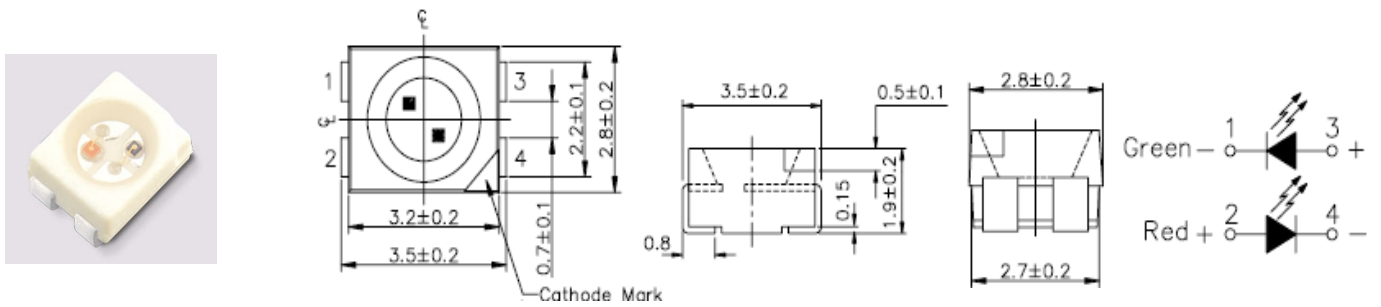


3528SURSUBSUGC	AlGaInP	Super Red	635	Water Clear	1.9-2.4	100-160	120
	InGaN	Super Green	525		2.9-4.0	190-280	
	InGaN	Super Blue	470		2.9-4.0	45-70	

# Light-Emitting Diode

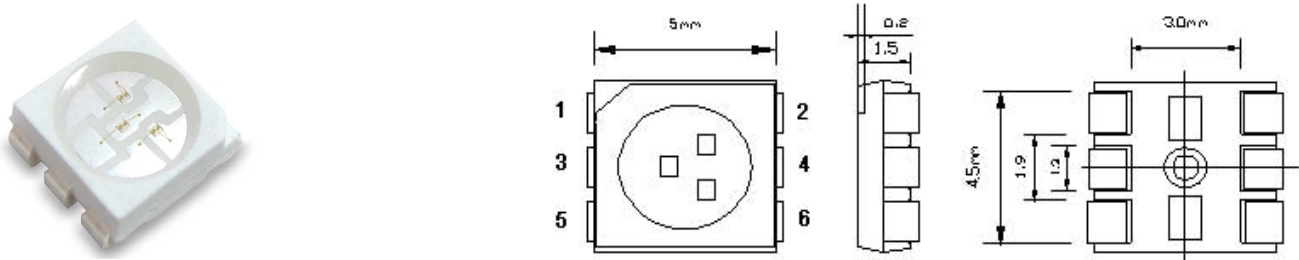
## SMD LED

3528 Top View With Bi-Color LEDs



3528SURSYGC	AlGaN <sub>P</sub>	Red	635	Water Clear	1.9-2.4	24-59	130
	AlGaN <sub>P</sub>	Yellow Green	565		2.0-2.4	16-24	
3528SURSUGC	AlGaN <sub>P</sub>	Super Red	635	Water Clear	1.9-2.4	100-160	120
	InGa <sub>N</sub>	Super Green	525		2.9-4.0	190-280	

5050 TOP VIEW SMD



5050SURC	AlGaN <sub>P</sub>	Red	620-630	Water Clear	1.9-2.4	2500-3500	120
5050SUYC	AlGaN <sub>P</sub>	Yellow	585-595	Water Clear	1.9-2.4	2500-3500	120
5050SUBC	InGa <sub>N</sub>	Blue	460-470	Water Clear	3.0-3.6	2500-3000	120
5050SUGC	InGa <sub>N</sub>	Green	520-525	Water Clear	3.0-3.6	3000-4000	120
5050SUWC	InGa <sub>N</sub>	White	5000-7000K	Water Clear	3.0-3.6	4000-5000	120
5050SUW3C	InGa <sub>N</sub>	Warm White	3000-4000K	Water Clear	3.0-3.6	3500-4500	120
5050SURGBC	AlGaN <sub>P</sub>	Super Red	620-625	Water Clear	1.8-2.0	1000-1200	120
	InGa <sub>N</sub>	Super Green	518-525		3.0-3.2	1600-1800	
	InGa <sub>N</sub>	Super Blue	465-470		3.0-3.4	1200-1500	