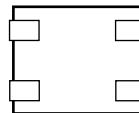
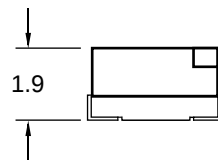
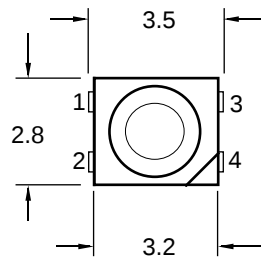


Surface Mount LED J Series for low current or superbright use, 0678 Bicolor Series



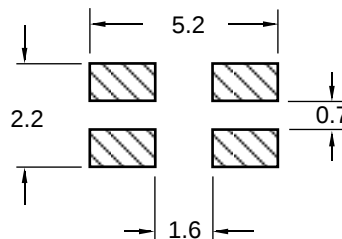
The 0678 series lamps are miniature chip type designed for surface mounting. These lamps are the so-called "Top LED" type, measuring approximately 2.8 x 3.6 mm. These lamps are in EIA481 tape and reel packaging with approximately 2000 pcs per reel.



Pin assignments:

Bi-color: 1. Green cathode
2. Red anode
3. Green anode
4. Red cathode

Full color: 1. Red cathode
2. Common Anode
3. Blue cathode
4. Green cathode



Recommended
reflow
solder pattern

GENERAL INFORMATION

Operating Temperature Range	-40 °C to +85 °C
Storage Temperature Range	-40 °C to +90 °C
Reflow Soldering Temperature	260 °C for 5 sec max

APPLICATION INFORMATION (ALL RATINGS AT 25 °C AMBIENT)

Part No.	Emitted Color	Peak	$\Delta\lambda$ (nM)	Absolute Maximum Ratings					E/O Characteristics					
		λ		Pd (mW)	If (mA)		Ir @Vr=5V (μ A)	Vr (V)	Iv (mcd) @If=20mA			Vf (V) @ If=20mA		$2\Theta_{1/2}$ (Deg)
		(nM)			dc	1/10 duty @ 1 khz			2mA	Min	Typ	Min	Typ	
JRG0678	Red	632	20	60	25	160	10	5	4	25	61	2.0	2.4	120
	Green	575	20	60	25	160	10	5	1	17	25	2.0	2.4	120
JEG0678	OrRed	639	20	60	25	160	10	5	3	23	49	2.0	2.4	120
	Green	575	20	60	25	160	10	5	1	17	25	2.0	2.4	120
JRGB0678	Red	632	20	60	25	160	10	5	3	20	47	2.0	2.4	120
	Green	575	20	60	25	160	10	5	1	13	20	2.0	2.4	120
	Blue	428	65	140	30	70	50	5	1	11	18	3.8	4.5	120

Specifications subject to change without notice. Dimensions are in mm $\pm$ 0.3 unless stated otherwise.

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