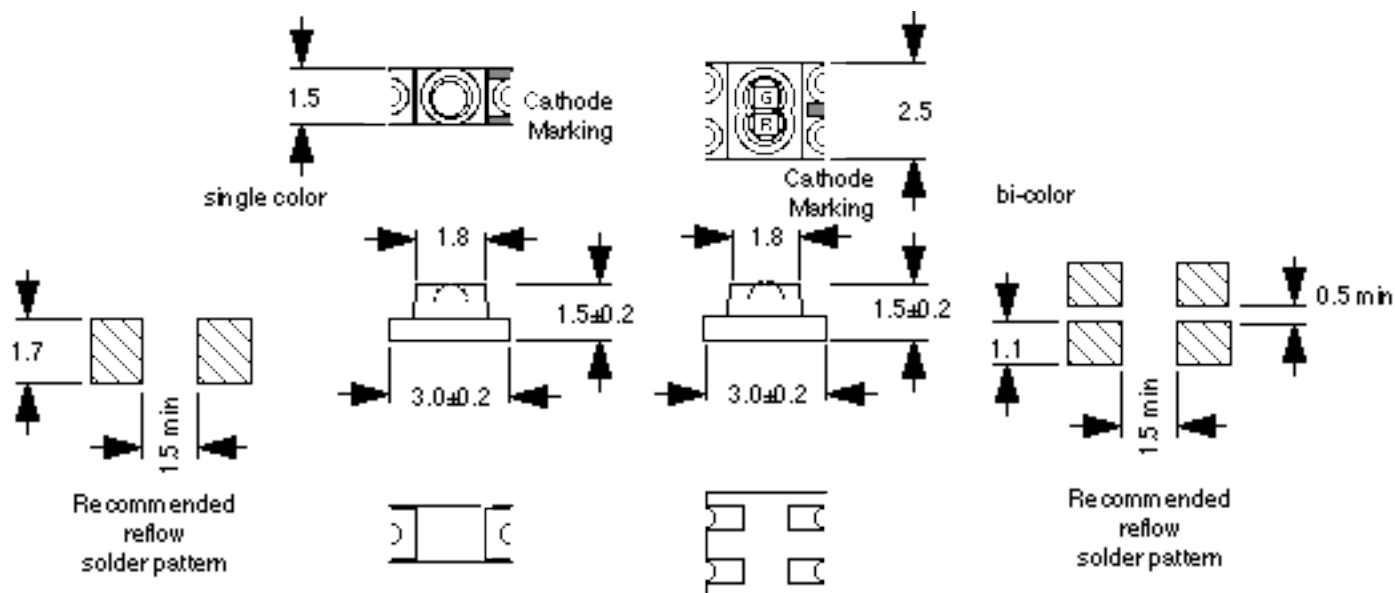


Surface Mount LED, 0118 J Series for low current or superbright use



The 0118 series lamps are miniature chip type designed for surface mounting. These lamps are of the so-called 1206 size, measuring approximately 1.5x3 mm (single color) and 2.5x3 mm (bi-color). These lamps are in EIA481 tape and reel packaging with approximately 2000 pieces per reel.



GENERAL INFORMATION

Operating Temperature Range	-30 °C to +85 °C
Storage Temperature Range	-30 °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	DI	Absolute Maximum Ratings					E/O Characteristics					
		I		Pd	If (mA)		Ir	Vr	Iv (mcd) @ If=20mA			Vf (V) @ If=20mA		2Q _{1/2}
		(nM)		(mW)	dc	1/10 duty @ 1 kHz	@ Vr=5V (μA)	(V)	2mA	Min	Typ	Min	Typ	(Deg)
JEC0118	Red	632	20	60	25	160	10	5	4	29	71	2.0	2.4	20
JGC0118	Green	575	20	60	25	160	10	5	2	19	29	2.0	2.4	20
JYC0118	Yellow	591	15	60	25	160	10	5	4	29	73	2.0	2.4	20
JOC0118	Orange	621	18	60	25	160	10	5	4	29	73	2.0	2.4	20
JRC0118	OrRed	639	20	60	25	160	10	5	3	27	57	2.0	2.4	20
JYOC0118	YelOrg	611	17	60	25	160	10	5	4	29	73	2.0	2.4	20
JEGC0118	Red	632	20	60	25	160	10	5	4	29	71	2.0	2.4	20
	Green	575	20	60	25	160	10	5	2	19	29	2.0	2.4	20
JRGC0118	OrRed	639	20	60	25	160	10	5	3	27	57	2.0	2.4	20
	Green	575	20	60	25	160	10	5	2	19	29	2.0	2.4	20

Specifications subject to change without notice. Dimensions are in mm±0.3 unless stated otherwise.

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