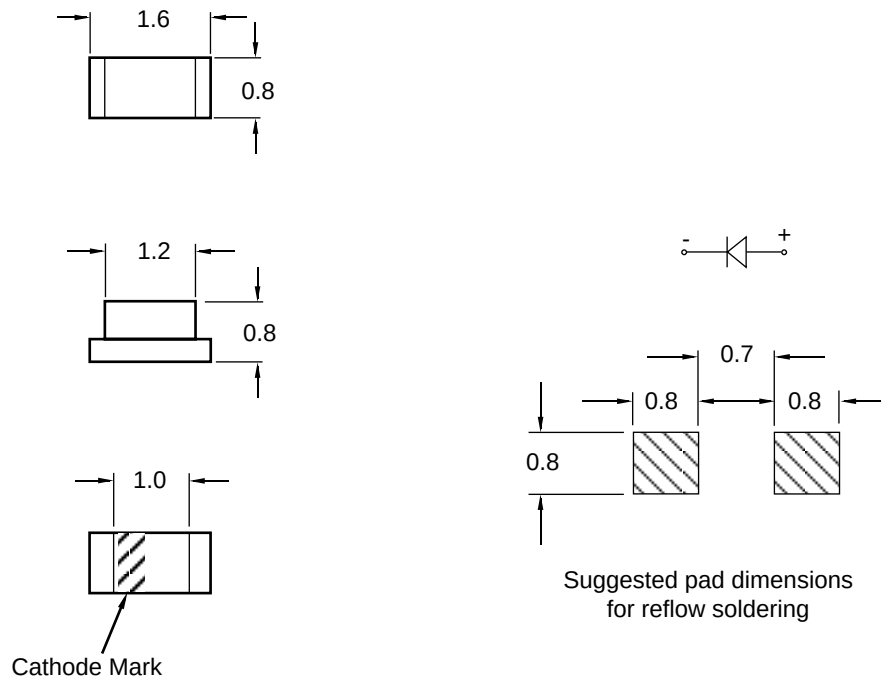


Surface Mount LED J Series for low current or superbright use, 0198 Series “0603” Package



The 0198 series lamps are miniature chip type designed for surface mounting. These lamps measure approximately 0.8 x 1.6 mm. These lamps are in EIA481 tape and reel packaging with approximately 3000 pcs per reel.



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	$\Delta\lambda$	Absolute Maximum Ratings					E/O Characteristics					
		λ							I_v (mcd) @ $I_f=20\text{mA}$			V_f (V) @ $I_f=20\text{mA}$		$2\theta_{1/2}$
		(nm)	(nm)	P_d (mW)	I_f (mA) dc	I_f (mA) 1/10 duty @ 1 kHz	I_r @ $V_r=5\text{V}$ (μA)	V_r (V)	2mA	Min	Typ	Min	Typ	(Deg)
JRC0198	Red	632	20	60	25	160	10	5	2	16	39	2.0	2.4	100
JGC0198	Green	575	20	60	25	160	10	5	1	11	16	2.0	2.4	100
JYC0198	Yellow	591	15	60	25	160	10	5	2	16	40	2.0	2.4	100
JOC0198	Orange	621	18	60	25	160	10	5	2	16	40	2.0	2.4	100
JEC0198	OrRed	639	20	60	25	160	10	5	2	15	31	2.0	2.4	100
JYOC0198	YelOrng	611	17	60	25	160	10	5	2	16	40	2.0	2.4	100

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

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