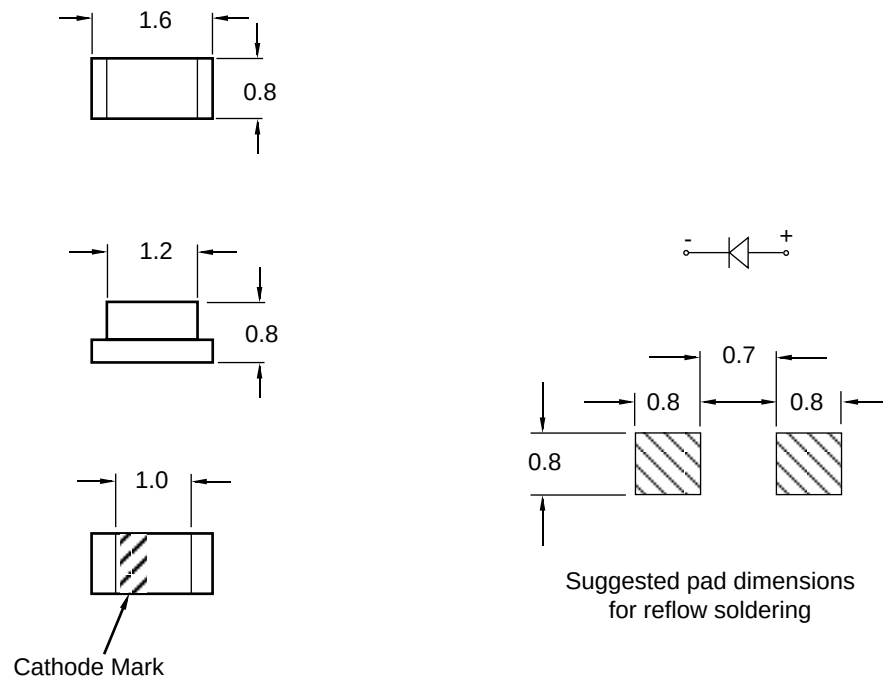


Surface Mount LED, 0198 Series “0603” Package



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 available in EIA481 tape and reel packaging with approximately 2000 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							V_f (V) @ $I_f=20\text{mA}$			I_v (mcd) @ $I_f=20\text{mA}$		$2\theta_{1/2}$
		(nm)	(nm)	Pd (mW)	I_f (mA) dc	I_r 1/10 duty @ 1 kHz @ $V_r=5\text{V}$ (μA)	V_r (V)		Min	Typ	Max	Min	Typ	(Deg)
ISRC0198	Red	660	20	100	30	200	100	5	–	1.7	2.4	7	12	100
IVRC0198	Red	640	45	70	25	90	100	5	–	2.0	2.8	5	9	100
IVYC0198	Yellow	585	35	70	20	90	100	5	–	2.0	2.8	5	9	100
IVGC0198	Green	570	30	70	25	90	100	5	–	2.1	2.8	9	18	100
IURC0198*	Red	660	20	100	30	200	100	5	–	1.7	2.4	18	32	100
IUGC0198	Green	570	30	70	30	160	100	5	–	2.1	2.8	11	18	100
IUYC0198	Yellow	590	15	70	30	160	100	5	–	2.1	2.8	44	76	100
IUBC0198	Blue	428	65	140	30	70	50	5	–	3.8	4.5	14	18	100
IUBC0198-7	Blue	468	26	140	30	70	50	5	–	3.5	4.0	19	24	100

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

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