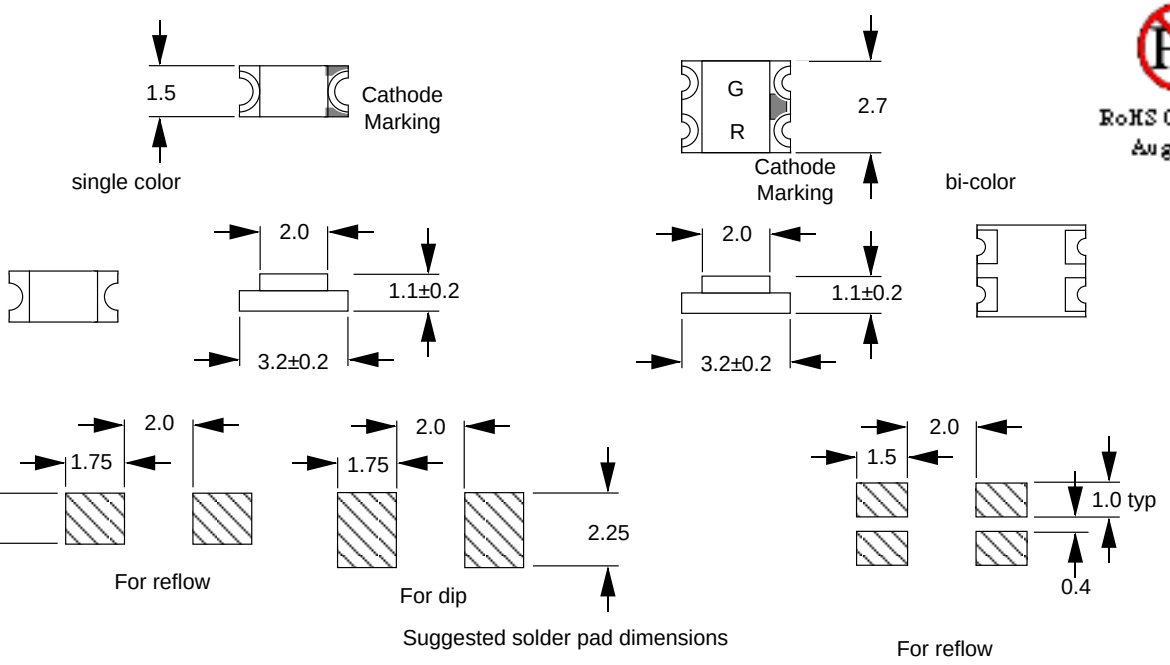
Surface Mount LED J Series for low current or superbright use, 0158 Series “1206” Package

The 0158 series lamps are miniature chip type designed for surface mounting. These lamps are of the so-called 1206 size, measuring approximately 1.6x3.2 mm (single color) and 2.7x3.2 mm (bi-color). These lamps are in EIA481 tape and reel packaging with 2000 pcs per reel.

RoHS Compliant
Aug 2004



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 λ	Δλ	Absolute Maximum Ratings					E/O Characteristics					
				Pd	If (mA)		Ir	Vr	Iv (mcd) @If=20mA			Vf (V) @ If=20mA		$2\Theta_{1/2}$
		(nM)	(nM)	(mW)	dc	1/10 duty @ 1 khz	@Vr=5V (µA)	(V)	2mA	Min	Typ	Min	Typ	(Deg)
JRC0158	Red	632	20	60	25	160	10	5	2	15	38	2.0	2.4	140
JGC0158	Green	575	20	60	25	160	10	5	1	10	15	2.0	2.4	140
JYC0158	Yellow	591	15	60	25	160	10	5	2	15	39	2.0	2.4	140
JOC0158	Orange	621	18	60	25	160	10	5	2	15	39	2.0	2.4	140
JEC0158	OrRed	639	20	60	25	160	10	5	2	14	30	2.0	2.4	140
JYOC0158	YelOrng	611	17	60	25	160	10	5	2	15	39	2.0	2.4	140
JRGC0158	Red	632	20	60	25	160	10	5	2	15	36	2.0	2.4	140
	Green	575	20	60	25	160	10	5	1	10	15	2.0	2.4	140
JEGC0158	OrRed	639	20	60	25	160	10	5	2	14	30	2.0	2.4	140
	Green	575	20	60	25	160	10	5	1	10	15	2.0	2.4	140

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