

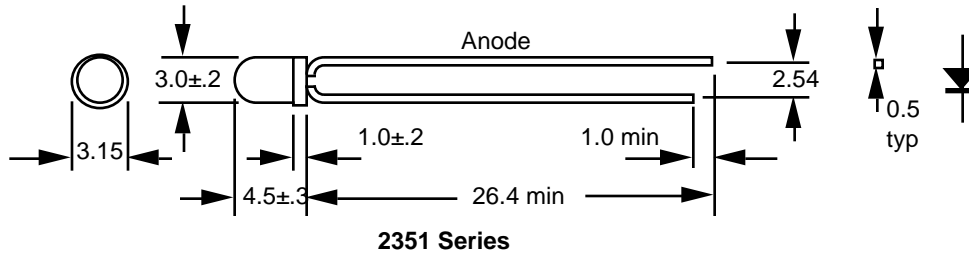
J Series, Blue Clear and Diffused, Water Clear LED, 2351 Series Small Flange T-1, 3mm Round



The J series lamps are made with AllnGaP chips which can be used for standard brightness at low current (2mA) or super brightness at standard current (20mA). This package is compatible with our extensive line of T 1 indicators. The Blue LEDs are made with GaN/SiC (428nm) and InGaN/SiC (468nm) chips. Blue should only be used when this colors are necessary for the application and higher cost is acceptable.



RoHS Compliant
Aug 2004



GENERAL INFORMATION

Operating Temperature Range	-30 °C to +85 °C
Storage Temperature Range	-55 °C to +100 °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		Pd	If (mA)		Ir	Vr	Iv (mcd) @ If=20mA			Vf (V) @ If=20mA		$2\Theta_{1/2}$
		(nm)	(mW)		dc	1/10 duty @ 1 kHz			@ Vr=5V (μ A)	(V)	2mA	Min	Typ	
JRC2351	Red	632	20	60	25	160	10	5	6	40	110	2.0	2.4	40
JGC2351	Green	575	20	60	25	160	10	5	3	40	50	2.0	2.4	40
JYC2351	Yellow	591	15	60	25	160	10	5	7	50	130	2.0	2.4	40
JOC2351	Orange	621	18	60	25	160	10	5	7	50	130	2.0	2.4	40
JEC2351	Red	639	20	60	25	160	10	5	5	40	80	2.0	2.4	40
JYOC2351	YelOrng	611	17	60	25	160	10	5	7	50	130	2.0	2.4	40
IUBC2351	Blue	428	65	140	25	70	50	5	-	63	100	3.8	4.5	40
IUBC2351-7	Blue	468	26	120	25	-	50	5	-	150	300	3.5	4.0	40
IUBD2351	BlueDiff	428	65	140	25	70	10	5	-	8	12	3.8	4.5	60

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

IDEA, Inc., 1351 Titan Way, Brea, CA 92821 Ph:714-525-3302, 800-LED-IDEA; Fax: 714-525-3304 0508