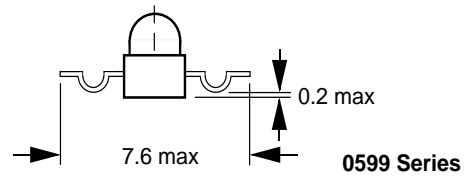
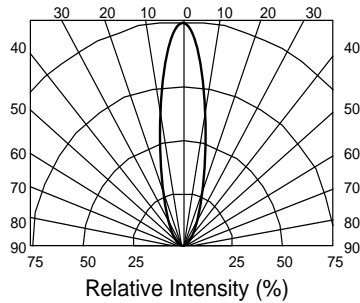
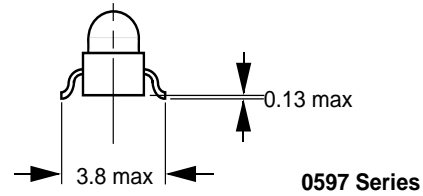
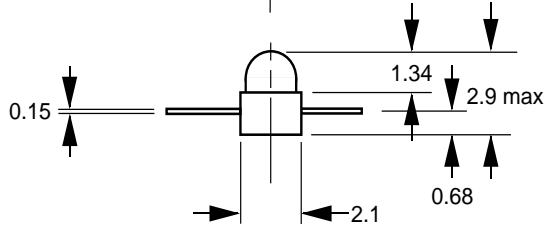
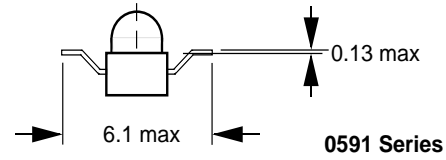
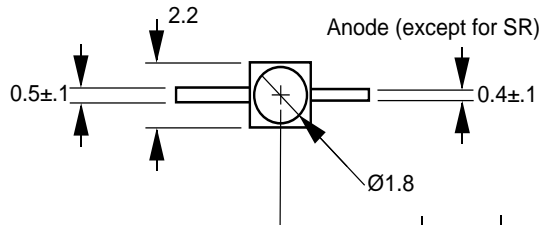


T-5/8 Surface Mounting Tape & Reel Package J Series, 0591, 0597, 0599 Series



The 059X series of tape and reel packaged subminiature lamps are designed for automated surface mount applications. The different series indicate lead shaping from the same LED type. The body shape is more square. These lamps are compatible with vapor phase reflow surface mounting as well as conventional soldering. Available on 1Kpc or 5Kpc reels.



GENERAL INFORMATION

Operating Temperature Range	-40 °C to +85 °C
Storage Temperature Range	-40 °C to +85 °C
Lead Soldering Temperature	240 °C for 3 sec
Preheat Temperature	100 °C



RoHS Compliant
Aug 2004

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	
JRC059X	Red	632	20	60	25	160	10	5	25	172	418	2.0	2.4	30
JGC059X	Green	575	20	60	25	160	10	5	10	115	172	2.0	2.4	30
JYC059X	Yellow	591	15	60	25	160	10	5	26	172	430	2.0	2.4	30
JOC059X	Orange	621	18	60	25	160	10	5	26	172	430	2.0	2.4	30
JEC059X	OrRed	639	20	60	25	160	10	5	20	160	338	2.0	2.4	30
JYOC059X	YelOrng	611	17	60	25	160	10	5	26	172	430	2.0	2.4	30

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

013S-J059X