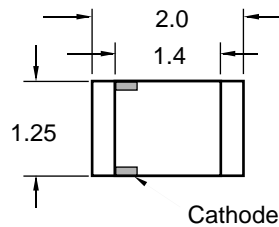


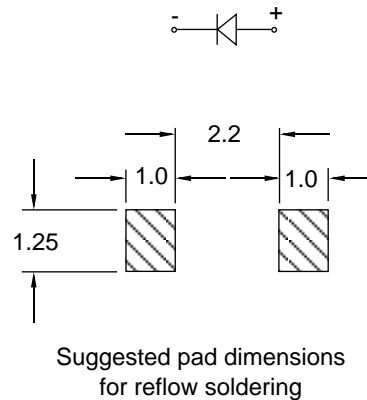
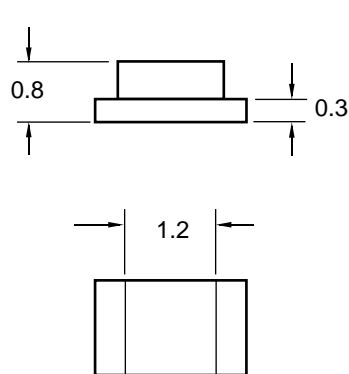
Surface Mount LED J Series for low current or superbright use, 0175 Series Low Profile “0805” Package



The 0175 series lamps are miniature chip type designed for surface mounting. These lamps are of the so-called 0805 size, measuring approximately 1.25 x 2.0 mm. These lamps are in EIA481 tape and reel packaging with approximately 3000 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	$\Delta\lambda$	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	
JRC0175	Red	632	20	60	25	160	10	5	2	13	32	2.0	2.4	130
JGC0175	Green	575	20	60	25	160	10	5	1	9	13	2.0	2.4	130
JYC0175	Yellow	591	15	60	25	160	10	5	2	13	33	2.0	2.4	130
JOC0175	Orange	621	18	60	25	160	10	5	2	13	33	2.0	2.4	130
JYOC0175	YelOrng	611	17	60	25	160	10	5	2	13	33	2.0	2.4	130

Specifications subject to change without notice. Dimensions are in mm \pm 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-J0175