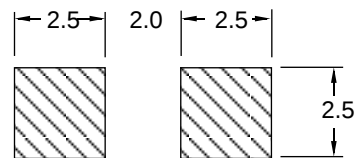
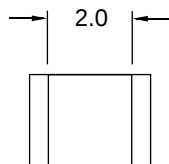
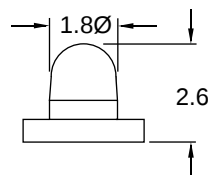
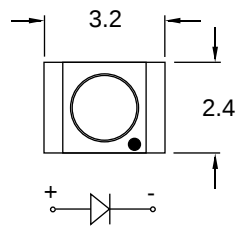


Surface Mount LED J Series for low current or superbright use, 0428 Series 1.8 mm Round



The 0428 series lamps are miniature lens type designed for surface mounting. The high intensity is achieved by molding a focusing lens onto the substrate. These lamps measure approximately 2.4 x 3.2 mm. These lamps are in EIA481 tape and reel packaging with 1000pcs per reel.



Suggested pad dimensions
for reflow soldering

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							I_v (mcd) @ $I_f=20\text{mA}$			V_f (V) @ $I_f=20\text{mA}$		$2\theta_{1/2}$
		(nm)	(nm)	Pd (mW)	I_f (mA) dc	I_r 1/10 duty @ 1 kHz	V_r @ $V_r=5V$ (μA)	V_r (V)	2mA	Min	Typ	Min	Typ	(Deg)
JRC0428	Red	632	20	60	25	160	10	5	15	99	240	2.0	2.4	30
JGC0428	Green	575	20	60	25	160	10	5	6	66	99	2.0	2.4	30
JYC0428	Yellow	591	15	60	25	160	10	5	15	99	247	2.0	2.4	30
JOC0428	Orange	621	18	60	25	160	10	5	15	99	247	2.0	2.4	30
JEC0428	OrRed	639	20	60	25	160	10	5	12	92	194	2.0	2.4	30
JYOC0428	YelOrng	611	17	60	25	160	10	5	15	99	247	2.0	2.4	30

Specifications subject to change without notice. Dimensions are in mm $\pm$ 0.3 unless stated otherwise.

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