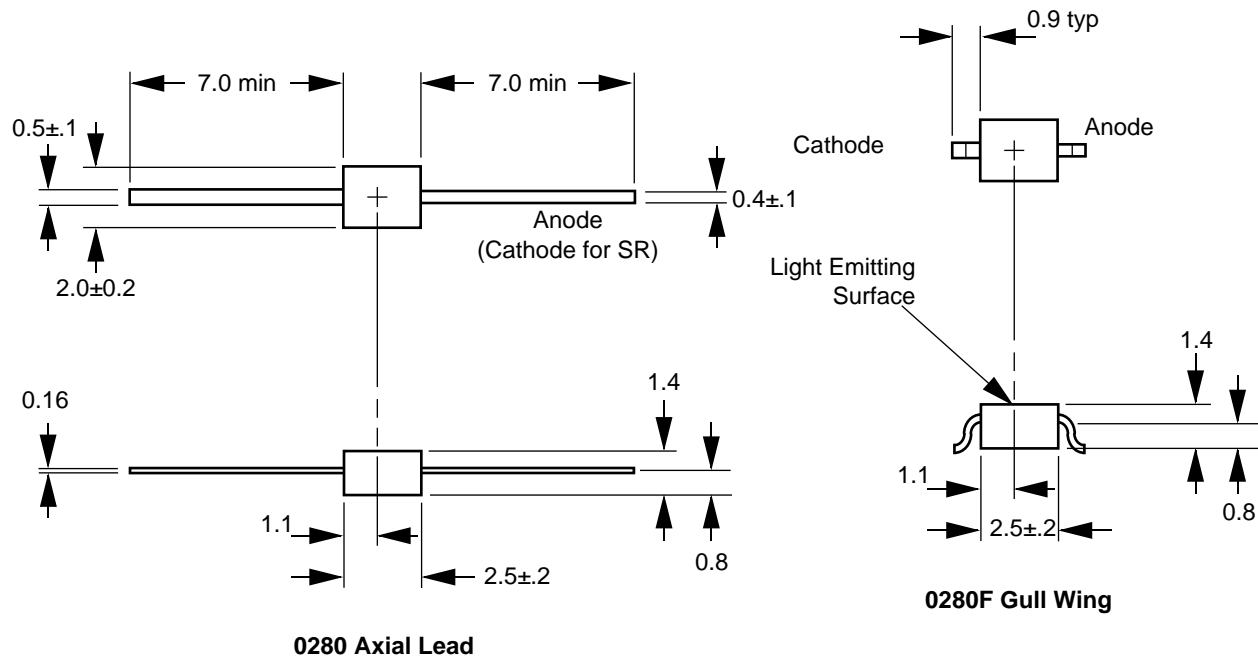


2 x 2.5 mm Axial Lead LED Lamp J Series, 0280, 0280F and 0288F Series



The 0280 series is a subminiature package designed for applications such as PCB indication, switch backlighting, and keyboard illumination. Extra bright dice are used to obtain high light output with extra wide spatial distribution. The 0280 series is compatible with vapor phase reflow surface mounting as well as conventional soldering. For high volume applications, the 0280F with formed leads is also available in tape and reel as the 0288F series for automated equipment. There are no optical or electrical differences between the 0280 and 0288 series.



GENERAL INFORMATION

Operating Temperature Range	-40 °C to +85 °C
Storage Temperature Range	-40 °C to +100 °C
Lead Soldering Temperature, 1.6 mm from Body	260 °C for 5 sec

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)	(nM)	(mW)	dc	1/10 duty @ 1 khz	@ Vr=5V (μ A)	(V)	2mA	Min	Typ	Min	Typ	(Deg)
JRC0288	Red	632	20	60	25	160	10	5	2	11	26	2.0	2.4	150
JGC0288	Green	575	20	60	25	160	10	5	1	7	11	2.0	2.4	150
JYC0288	Yellow	591	15	60	25	160	10	5	2	11	27	2.0	2.4	150
JOC0288	Orange	621	18	60	25	160	10	5	2	11	27	2.0	2.4	150
JEC0288	OrRed	639	20	60	25	160	10	5	1	10	21	2.0	2.4	150
JYOC0288	YelOrng	611	17	60	25	160	10	5	2	11	27	2.0	2.4	150

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

IDEA, Inc., 1300-B Pioneer St., Brea, CA 92821

Ph:562-697-4332, 800-LED-IDEA; Fax: 562-690-1352 013S-J028X