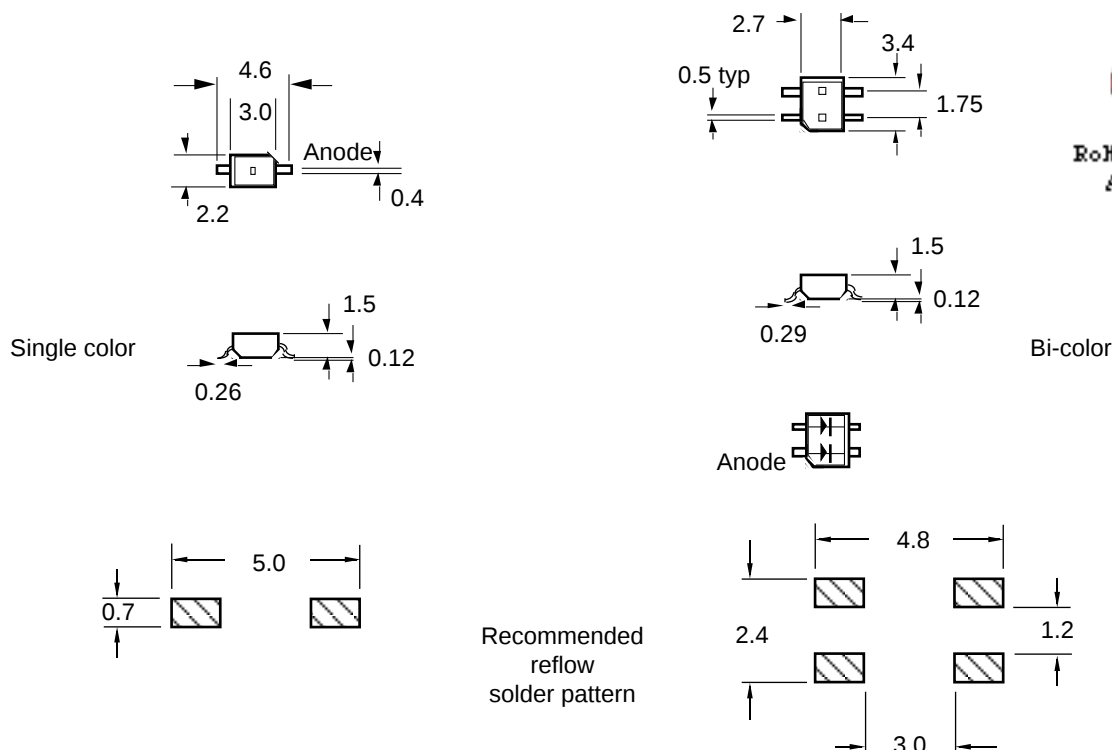


Surface Mount LED J Series for low current or superbright use, 0938 Series



The 0938 series lamps are high performance reflector type designed for surface mounting. These lamps measure approximately 2.2x3.0mm (single color) and 2.7x3.4 mm (bi-color). These lamps are in EIA481 tape and reel packaging with 2000pcs per reel.



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)	(nm)	(mW)	dc	1/10 duty @ 1 khz	@Vr=5V (μ A)	(V)	2mA	Min	Typ	Min	Typ	(Deg)
JRC0938	Red	632	20	60	25	160	10	5	3	17	42	2.0	2.4	130
JGC0938	Green	575	20	60	25	160	10	5	1	11	23	2.0	2.4	130
JYC0938	Yellow	591	15	60	25	160	10	5	3	17	43	2.0	2.4	130
JOC0938	Orange	621	18	60	25	160	10	5	3	17	43	2.0	2.4	130
JEC0938	OrRed	639	20	60	25	160	10	5	2	16	34	2.0	2.4	130
JYOC0938	YelOrng	611	17	60	25	160	10	5	3	17	43	2.0	2.4	130
JRGC0938	Red	632	20	60	25	160	10	5	3	17	42	2.0	2.4	130
	Green	575	20	60	25	160	10	5	1	11	23	2.0	2.4	130
JEGC0938	OrRed	639	20	60	25	160	10	5	2	16	34	2.0	2.4	130
	Green	575	20	60	25	160	10	5	1	11	23	2.0	2.4	130

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

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013S-J0938