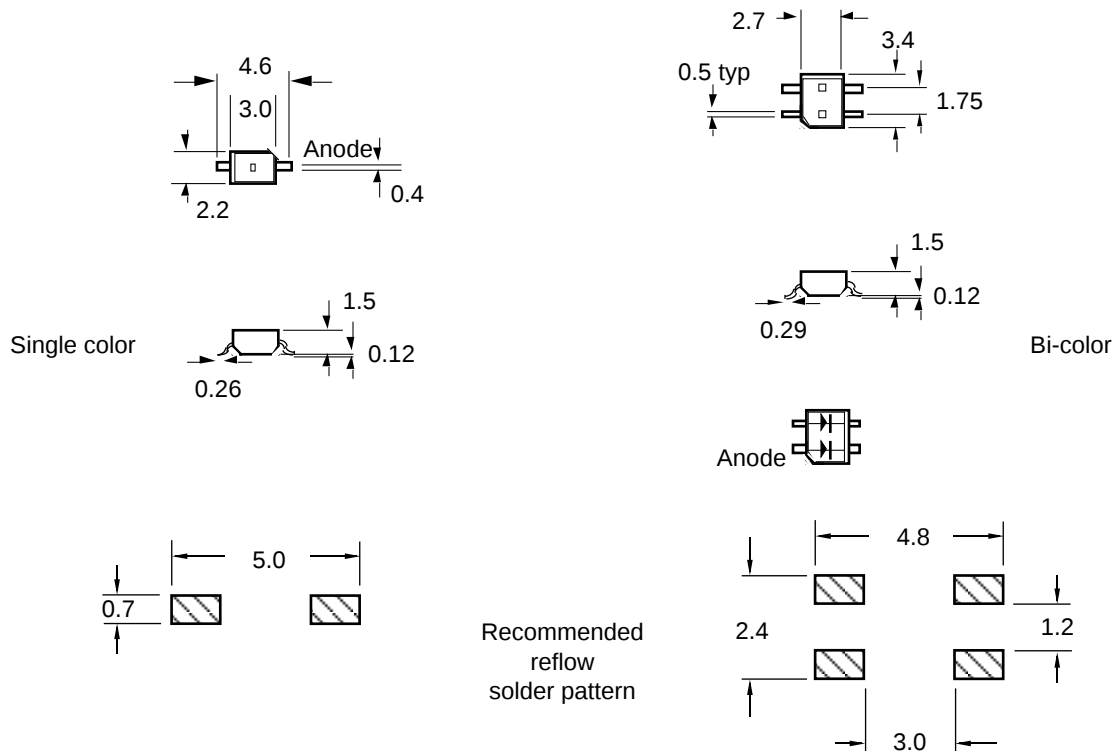


Surface Mount LED, 0938 Series



The 0930 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 available in EIA481 tape and reel packaging. For tape and reel packaging the series number is 0938.



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	Vf (V) @ If=20mA			Iv (mcd) @ If=20mA		$2\Theta_{1/2}$
		(nm)			dc	1/10 duty @ 1 kHz			Min	Typ	Max	Min	Typ	
ISRC0938	Red	660	20	100	30	200	100	5	—	1.7	2.4	25	40	130
IVRC0938	Red	640	45	70	25	90	100	5	—	2.0	2.8	7	12	130
IVYC0938	Yellow	585	35	70	20	90	100	5	—	2.0	2.8	7	12	130
IVGC0938	Green	570	30	70	25	90	100	5	—	2.1	2.8	15	25	130
IURC0938*	Red	660	20	100	30	200	100	5	—	1.7	2.4	28	46	130
IUYC0938	Yellow	590	15	70	30	160	100	5	—	2.1	2.8	102	170	130
IUBC0938	Blue	428	65	140	30	70	50	5	—	3.8	4.5	15	20	130
IUBC0938-7	Blue	468	26	140	30	70	50	5	—	3.5	4.0	21	26	130
ISRUGC0938	Red	660	20	100	30	200	100	5	—	1.8	2.4	15	24	130
	Green	570	30	70	25	90	100	5	—	2.1	2.8	12	20	130
ISRVGC0938	Red	660	20	100	30	200	100	5	—	1.8	2.4	24	40	130
	Green	570	30	70	25	90	100	5	—	2.1	2.8	10	18	130

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

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