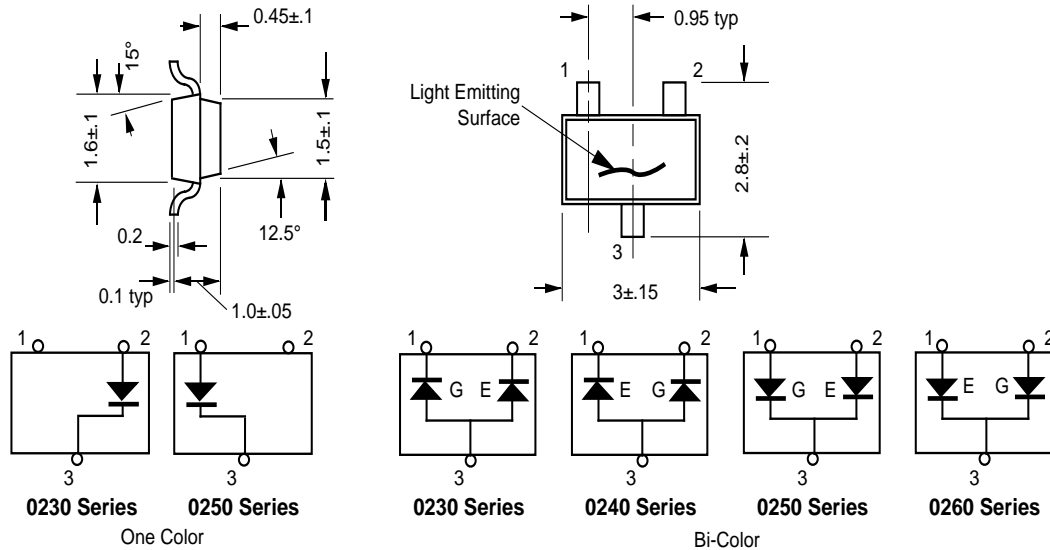


Surface Mount LED, 0230, 0240, 0250 and 0260 Series



The 0230 through 0260 series lamps are designed specifically for surface mounting. These lamps are molded in a clear plastic SOT-23 package suitable for reflow soldering. Ideal applications are circuit board status indicators or backlighting switches or key pads. For large volume applications these lamps are available in tape and reel packaged approximately 3000 pcs per reel.



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

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)			(mW)	dc			1/10 duty @ 1 kHz	@ Vr=5V (μ A)	(V)	Min	Typ	
IHC0230	Red	700	90	45	15	50	100	5	1.7	2.1	2.8	-	2.0	-
IECO230	Orange	635	45	100	30	160	100	5	1.7	2.0	2.8	-	3.5	-
IYC0230	Yellow	585	35	85	20	160	100	5	1.7	2.0	2.8	-	3.0	-
IGC0230	Green	565	30	100	30	160	100	5	1.7	2.1	2.8	-	3.0	-
IEYC0230	Orange/ Yellow	635	45	100	30	160	100	5	1.7	2.0	2.8	-	3.5	-
IEYC0240		585	35	85	20	160	100	5	1.7	2.0	2.8	-	3.0	-
IEGC0230	Orange/ Green	635	45	100	30	160	100	5	1.7	2.0	2.8	-	3.5	-
IEGC0240		565	30	100	30	160	100	5	1.7	2.1	2.8	-	3.0	-
IYGC0230	Yellow/ Green	585	35	85	20	160	100	5	1.7	2.0	2.8	-	3.0	-
IYGC0240		565	30	100	30	160	100	5	1.7	2.1	2.8	-	3.0	-
IHC0250	Red	700	90	45	15	50	100	5	1.7	2.1	2.8	-	2.0	-
IEC0250	Orange	635	45	100	30	160	100	5	1.7	2.0	2.8	-	3.5	-
IYC0250	Yellow	585	35	85	20	160	100	5	1.7	2.0	2.8	-	3.0	-
IGC0250	Green	565	30	100	30	160	100	5	1.7	2.1	2.8	-	3.0	-
IEYC0250	Orange/ Yellow	635	45	100	30	160	100	5	1.7	2.0	2.8	-	3.5	-
IEYC0260		585	35	85	20	160	100	5	1.7	2.0	2.8	-	3.0	-
IEGC0250	Orange/ Green	635	45	100	30	160	100	5	1.7	2.0	2.8	-	3.5	-
IEGC0260		565	30	100	30	160	100	5	1.7	2.1	2.8	-	3.0	-
IYGC0250	Yellow/ Green	585	35	85	20	160	100	5	1.7	2.0	2.8	-	3.0	-
IYGC0260		565	30	100	30	160	100	5	1.7	2.1	2.8	-	3.0	-

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

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