

# DISCRETE LEDS

## 5mm Standard

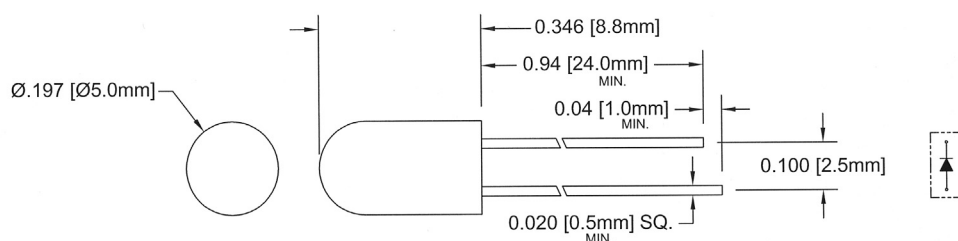
- Industry Standard 5mm (T1<sup>3</sup>/<sub>4</sub>) packages
- Available with (-F) or without flanges
- Wide color and brightness selection
- Water Clear, Tinted or Diffused Lenses
- Ideal for General Status Indication and Front Panel Display
- LEDs are safe for direct viewing AEL Class 1 per IEC 825-1, EN-60825-1, EN-60825-2



5XX

Standard

LED Part No.	Chip			Lens Appearance	Absolute Max. Ratings				Electro-Optical Data @20mA			Viewing Angle (deg)
	Material	Peak Wave Length λp(nm)	Emitted Color		Δ λ (nm)	Pd (mW)	If (mA)	Peak If (mA)	Vf (V)		Iv (mcd)	
									TYP	MAX	TYP	
5BWC	GaN/SiC	430	BLUE	WATER CLEAR	65	150	25	70	4.0	4.5	125	20
5BWD	GaN/SiC	430	BLUE	DIFFUSED	65	150	25	70	4.0	4.5	30	45
5BWT	GaN/SiC	430	BLUE	TINTED	65	150	25	70	4.0	4.5	125	20
5PGC	GaP/GaP	555	PURE GREEN	WATER CLEAR	30	80	30	150	2.2	2.6	30	30
5PGD	GaP/GaP	555	PURE GREEN	DIFFUSED	30	80	30	150	2.2	2.6	15	45
5PGT	GaP/GaP	555	PURE GREEN	TINTED	30	80	30	150	2.2	2.6	30	30
5GC	Gap/Gap	565	GREEN	WATER CLEAR	30	80	30	150	2.2	2.6	150	20
5GD	Gap/Gap	565	GREEN	DIFFUSED	30	80	30	150	2.2	2.6	70	45
5GT	Gap/Gap	565	GREEN	TINTED	30	80	30	150	2.2	2.6	150	20
5YC	GaAsP/GaP	585	YELLOW	WATER CLEAR	35	80	30	150	2.1	2.6	140	20
5YD	GaAsP/GaP	585	YELLOW	DIFFUSED	35	80	30	150	2.1	2.6	70	45
5YT	GaAsP/GaP	585	YELLOW	TINTED	35	80	30	150	2.1	2.6	140	20
5AC	GaAsP/GaP	610	AMBER	WATER CLEAR	35	80	30	150	2.2	2.6	70	20
5AD	GaAsP/GaP	610	AMBER	DIFFUSED	35	80	30	150	2.2	2.6	45	45
5AT	GaAsP/Gap	610	AMBER	TINTED	35	80	30	150	2.2	2.6	70	20
5HC	GaAsP/Gap	635	HE RED	WATER CLEAR	45	80	30	150	2.0	2.6	150	20
5HD	GaAsP/Gap	635	HE RED	DIFFUSED	45	80	30	150	2.0	2.6	80	45
5HT	GaAsP/Gap	635	HE RED	TINTED	45	80	30	150	2.0	2.6	150	20
5RC	GaAsP/GaP	655	RED	WATER CLEAR	40	80	40	200	1.7	2.0	15	20
5RD	GaAsP/GaP	655	RED	DIFFUSED	40	80	40	200	1.7	2.0	5	45
5RT	GaAsP/GaP	655	RED	TINTED	40	80	40	200	1.7	2.0	15	20



### F Series

For Flanged LEDs Add a "-F" to the end of the Part No.

