

DISCRETE LEDS

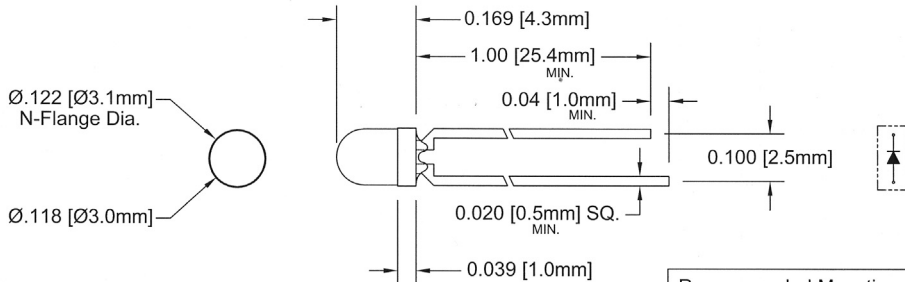
3mm Superbright



- Industry Standard 3mm (T1) packages
- Available with (-F) or without flanges (N-Flange)
- Wide color and brightness selection
- Water Clear, Tinted or Diffused Lenses
- Ideal for general status indication and front panel display where higher ambient lighting conditions exist.
- Ideal for Industrial, Alert and Warning, Security and Medical applications
- LEDs are safe for direct viewing AEL Class 2 per IEC 825-1, EN-60825-1, EN60825-2

3SXX Superbright

LED Part No.	Chip			Lens Appearance	Absolute Max. Ratings				Electro-Optical Data @20mA			Viewing Angle (deg)
	Material	Peak Wave Length λ_p (nm)	Emitted Color		$\Delta \lambda$ (nm)	Pd (mW)	If (mA)	Peak If (mA)	Vf (V) TYP	Vf (V) MAX	Iv (mcd) TYP	
3SGC	GaP/GaP	568	SUPER GREEN	WATER CLEAR	30	80	30	150	2.2	2.6	120	30
3SGD	GaP/GaP	568	SUPER GREEN	DIFFUSED	30	80	30	150	2.2	2.6	55	45
3SGT	GaP/GaP	568	SUPER GREEN	TINTED	30	80	30	150	2.2	2.6	120	30
3SYC	GaAsP/GaP	585	SUPER YELLOW	WATER CLEAR	35	80	30	150	2.1	2.6	65	30
3SYD	GaAsP/GaP	585	SUPER YELLOW	DIFFUSED	35	80	30	150	2.1	2.6	30	45
3SYT	GaAsP/GaP	585	SUPER YELLOW	TINTED	35	80	30	150	2.1	2.6	25	30
3SAC	AlGalnP	620	SUPER AMBER	WATER CLEAR	17	100	30	150	2.0	2.6	350	30
3SAD	AlGalnP	620	SUPER AMBER	DIFFUSED	17	100	30	150	2.0	2.6	150	45
3SAT	AlGalnP	620	SUPER AMBER	TINTED	17	100	30	150	2.0	2.6	350	30
3SRC	GaAlAsP/GaAs	660	SUPER RED	WATER CLEAR	20	80	20	150	1.7	2.6	250	30
3SRD	GaAlAsP/GaAs	660	SUPER RED	DIFFUSED	20	80	20	150	1.7	2.6	90	45
3SRT	GaAlAsP/GaAs	660	SUPER RED	TINTED	20	80	20	150	1.7	2.6	250	30



Recommended Mounting Hole Size = $\varnothing.032^{+.003}_{-.002}$

F Series

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

