

# TECHNICAL DATA SHEET

**PRO-SIGNAL**

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Compliant

## 5mm Diffused LEDs



Part No.	Pack Size	Colour	Wave Length at IF = 20mA			Forward Voltage (VF) at IF =20mA		Luminous Intensity at IF = 20mA	
			Min.	Typ.	Max.	Min.	Max.	Min.	Max.
PSG91860	10	Red	620nm		630nm	1.9V	2.1V	200mcd	300mcd
PSG91861		Green	565nm		575nm	1.9V	2.1V	50mcd	60mcd
PSG91862		Pure Green	520nm		525nm	3V	3.2V	1800mcd	2000mcd
PSG91863		Yellow	587nm		590nm	1.9V	2.1V	100mcd	150mcd
PSG91864		Blue	460nm	465nm	470nm	1.9V	2.1V	300mcd	400mcd
PSG91865		Warm White	3000k		4000k	3V	3.4V	3000mcd	4000mcd
PSG91866		Cool White	6000k		6500k	3V	3.4V	3000mcd	4000mcd
PSG91867	100	Red	620nm		630nm	1.9V	2.1V	200mcd	300mcd
PSG91868		Green	565nm		575nm	1.9V	2.1V	50mcd	60mcd
PSG91869		Pure Green	520nm		525nm	3V	3.2V	1800mcd	2000mcd
PSG91870		Yellow	587nm		590nm	1.9V	2.1V	100mcd	150mcd
PSG91871		Blue	460nm	465nm	470nm	1.9V	2.1V	300mcd	400mcd
PSG91872		Warm White	3000k		4000k	3V	3.4V	3000mcd	4000mcd
PSG91873		Cool White	6000k		6500k	3V	3.4V	3000mcd	4000mcd

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Cont.

Part No.	Part Size	Colour	Viewing Angle	Max. Power Dissipation	Recommended Operating Forward Current	Max. Forward Current (IFM)	Reverse Voltage
PSG91860	10	Red	60°	120mW	15mA to 18mA	30mA	5V
PSG91861		Green	60°				
PSG91862		Pure Green	90°	80mW			
PSG91863		Yellow	60°				
PSG91864		Blue	60°	120mW			
PSG91865		Warm White	40°				
PSG91866		Cool White	40°	80mW			
PSG91867		Red	60°	120mW			
PSG91868	Green	60°					
PSG91869	Pure Green	90°	80mW				
PSG91870	Yellow	60°					
PSG91871	Blue	60°	120mW				
PSG91872	Warm White	40°					
PSG91873	Cool White	40°	80mW				

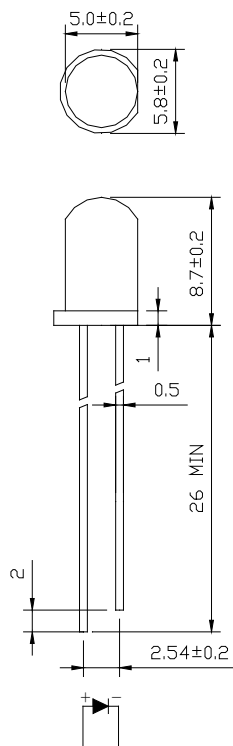
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