

TECHNICAL DATA SHEET

PRO-SIGNAL

RoHS
Compliant

5mm Water Clear 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.
PSG91874	10	Red	-	625nm	-	2V	2.2V	3000mcd	3500mcd
PSG91875		Green	570nm		572nm	1.9V	2.1V		6000mcd
PSG91876		Pure Green	520nm		525nm	3V	3.2V	4000mcd	5000mcd
PSG91877		Yellow	588nm		592nm	1.9V	2.1V	1500mcd	2000mcd
PSG91878		Blue	460nm		465nm	3V	3.2V	1800mcd	2000mcd
PSG91879		Warm White	2700k		3000k	3V	3.4V	3000mcd	4000mcd
PSG91880		Cool White	6000k		7500k	3V	3.4V	10000mcd	120000mcd
PSG91881	100	Red	-	625nm	-	2V	2.2V	3000mcd	3500mcd
PSG91882		Green	570nm		572nm	1.9V	2.1V		6000mcd
PSG91883		Pure Green	520nm		525nm	3V	3.2V	4000mcd	5000mcd
PSG91884		Yellow	588nm		592nm	1.9V	2.1V	1500mcd	2000mcd
PSG91885		Blue	460nm		465nm	3V	3.2V	1800mcd	2000mcd
PSG91886		Warm White	2700k		3000k	3V	3.4V	3000mcd	4000mcd
PSG91887		Cool White	6000k		7500k	3V	3.4V	10000mcd	120000mcd

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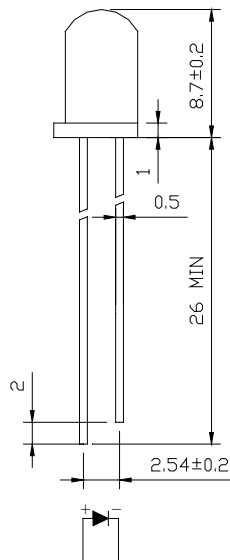
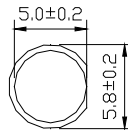
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Cont.

Part No.	Part Size	Colour	Viewing Angle	Max. Power Dissipation	Recommended Operating Forward Current	Max. Forward Current (IFM)	Reverse Voltage
PSG91888	10	Red	-	120mW	15mA to 18mA	30mA	5V
PSG91889		Green	30°	80mW	15mA to 18mA	30mA	5V
PSG91890		Pure Green	-	120mW	15mA to 18mA	30mA	5V
PSG91891		Yellow	-	120mW	15mA to 18mA	30mA	5V
PSG91892		Blue	25°	80mW	15mA to 18mA	30mA	5V
PSG91893		Warm White	40°	120mW	15mA to 18mA	30mA	5V
PSG91894		Cool White	40°	120mW	15mA to 18mA	30mA	5V
PSG91895		Red	-	120mW	15mA to 18mA	30mA	5V
PSG91896	100	Green	30°	80mW	15mA to 18mA	30mA	5V
PSG91897		Pure Green	-	120mW	15mA to 18mA	30mA	5V
PSG91898		Yellow	-	120mW	15mA to 18mA	30mA	5V
PSG91899		Blue	25°	80mW	15mA to 18mA	30mA	5V
PSG91900		Warm White	40°	120mW	15mA to 18mA	30mA	5V
PSG91901		Cool White	40°	120mW	15mA to 18mA	30mA	5V



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