

TECHNICAL DATA SHEET

PRO-SIGNAL

RoHS
Compliant

3mm 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.
PSG91832	10	Red	620nm	625nm	630nm	2V	2.2V	400	500
PSG91833		Green	520nm	525nm	630nm	3V	3.2V	800	1000
PSG91834		Pure Green	520nm	N/A	525nm	3V	3.2V	1400	1600
PSG91835		Yellow	588nm	592nm	595nm	2V	2.2V	400	500
PSG91836		Blue	460nm	N/A	463nm	3V	3.2V	600	800
PSG91837		Warm White	2700k	N/A	3000k	3.2V	3.4V	4000	5000
PSG91838		Cool White	6500k	N/A	7000k	3.2V	3.4V	5000	6000
PSG91839		100	Red	620nm	625nm	630nm	2V	2.2V	400
PSG91840	Green		520nm	525nm	630nm	3V	3.2V	800	1000
PSG91841	Pure Green		520nm	N/A	525nm	3V	3.2V	1400	1600
PSG91842	Yellow		588nm	592nm	595nm	2V	2.2V	400	500
PSG91843	Blue		460nm	N/A	463nm	3V	3.2V	600	800
PSG91844	Warm White		2700k	N/A	3000k	3.2V	3.4V	4000	5000
PSG91845	Cool White		6500k	N/A	7000k	3.2V	3.4V	5000	6000

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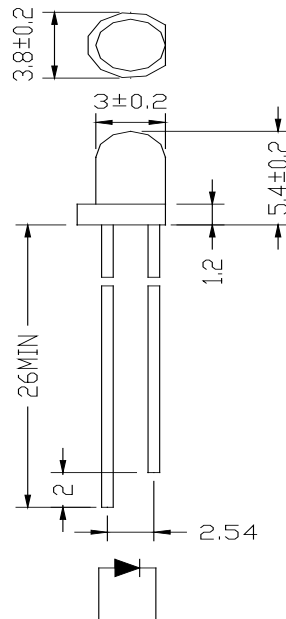
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Cont.

Part No.	Pack Size	Colour	Viewing Angle	Max. Power Dissipation	Max. Forward Current (IFM)	Recommended Operating Forward Current	Reverse Voltage
PSG91832	10	Red	60°	100mW	30mA	15mA to 18mA	5V
PSG91833		Green		120mW			
PSG91834		Pure Green					
PSG91835		Yellow		100mW			
PSG91836		Blue	N/A	120mW			
PSG91837		Warm White					
PSG91838		Cool White					
PSG91839		Red					
PSG91840	Green	120mW					
PSG91841	Pure Green						
PSG91842	Yellow	100mW					
PSG91843	Blue	N/A	120mW				
PSG91844	Warm White						
PSG91845	Cool White						



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