

RLS-5W-200-S

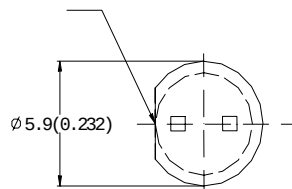
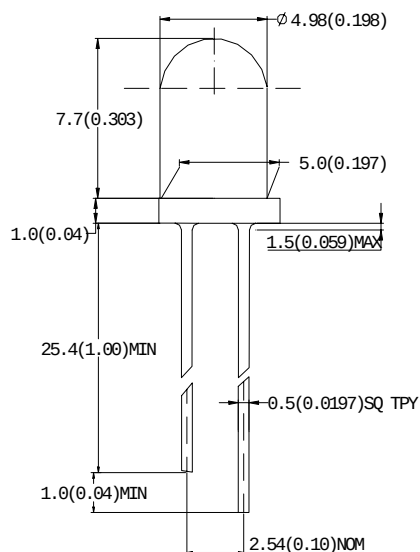
SUPER BRIGHT WHITE LED

ABSOLUTE MAXIMUM RATINGS (Ta = 25°C)

Reverse Voltage	5 V
Reverse Current $V_R = 5$ V	10 μ A
Operating Temperature	-40°C~+85°C
Storage Temperature	-40°C~+100°C
Lead Soldering Temperature	250°C (for 5 seconds)
Power Dissipation	80 mW

ELECTRICAL AND OPTICAL CHARACTERISTICS (Ta = 25°C)

Emitted Color	Chromaticity Coordinate 20 mA	Lens Appearance	Recommended Values			ELECTRO-OPTICAL (20 mA)				Viewing Angle $2\theta_{1/2}$ (deg)
super white	X = 0.28		Pd mW	IF mA	Peak IF(mA)	VF(v)		IV(cd)		
	Y = 0.32					TYP	max	min	TYP	
		Water Clear	60	20	150	3.0	3.4	20	25	15±2



NOTES:

All dimensions are in millimeters (inches). Tolerance is $\pm 0.25\text{mm}(0.01)$ unless otherwise specified. The products are sensitive to static electricity and care must be fully taken when handling products. Lead spacing is measured where the leads emerge from the package. Specifications are subject to change without notice

ROITHNER LASERTECHNIK

Schoenbrunner Straße 7, 1040 Vienna, Austria
Tel.: +43-1-586 52 43 – 0, Fax.: +43-1-586 52 43 44
office@roithner-laser.com, www.roithner-laser.com