

5mm LED (Water Clear) Model 905

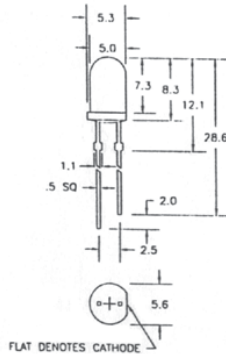


Figure 1

Reverse Voltage:	5 Volt
Reverse Current (Vr=5V):	50 uA
Operating Temperature Range:	-20°C- +80°C
Storage Temperature Range:	-30°C- +100°C
Lead Soldering Temperature:	-260°C for 5 seconds
(1.6mm (1/16inch) from body)	

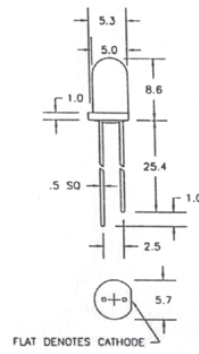


Figure 2

Reverse Voltage:	5 Volt
Reverse Current (Vr=5V):	10 uA
Operating Temperature Range:	-40°C- +80°C
Storage Temperature Range:	-40°C- +100°C
Lead Soldering Temperature:	-260°C for 5 seconds
(1.6mm (1/16inch) from body)	

Ta=25°C

Part No.	Chip		Wave Length	Lens Color	View Angle (deg)	Electo-Optical Characteristics					Absolute Max Ratings			Fig.
	Raw Material	Emitted Color				Vf (V)		If mA	Iv (mcd)		Pd mW	If mA	If mA (Peak)	
						Typ.	Max.		Min.	Typ.				
SL905WC	InGaN/YAG	Pure White		Water Clear	45	3.5	4.0	25	650	1100	120	30	100	1
SL905BCU-45	InGaN	Blue	470	Water Clear	45	3.6	4.0	25	350		120	30	100	1
SL905BCU	InGaN	Blue	470	Water Clear	30	3.6	4.0	25	650		120	30	100	1
SL905BCU-15	InGaN	Blue	470	Water Clear	15	3.6	4.0	25	2000		120	30	100	1
SL905RCH	GaAlAs	Red	660	Water Clear	30	1.8	2.1	20	300	1000	60	20	160	2
SL905RCV	GaAlAs	Red	660	Water Clear	30	1.8	2.1	20	1000	2000	60	20	160	2
SL905RCS	GaAlAs	Red	660	Water Clear	30	1.8	2.1	20	2000	3000	60	20	160	2
SL905RCU	GaAlAs	Red	660	Water Clear	22	1.8	2.1	20	3000	4000	60	20	160	2
SL905RCU-8	GaAlAs	Red	660	Water Clear	8	1.8	2.1	20	3800	7200	60	20	160	2
SL905RCE-8	AlInGaP	Red	648	Water Clear	8	2.0	2.4	30	4000	7800	100	40	200	2
SL905GCS	GaP	Green	568	Water Clear	22	1.8	2.1	20	500	750	100	20	160	2
SL905GCS-8	GaP	Green	568	Water Clear	8	1.8	2.1	20	750	1200	100	20	160	2
SL905GCU-45	InGaN	Green	525	Water Clear	45	3.5	4.0	25	1200		120	30	100	1
SL905GCU	InGaN	Green	525	Water Clear	30	3.5	4.0	25	2200		120	30	100	1
SL905GCU-15	InGaN	Green	525	Water Clear	15	3.5	4.0	25	6000		120	30	100	1
SL905YCH	GaAsP/GaP	Yellow	585	Water Clear	30	1.8	2.1	20	100	250	100	20	160	2
SL905YCV	GaAsP/GaP	Yellow	585	Water Clear	30	1.8	2.1	20	250	750	60	20	160	2
SL905YCU	AlInGaP	Yellow	595	Water Clear	22	2.0	2.4	30	2200	3000	100	40	200	2
SL905YCU-8	AlInGaP	Yellow	595	Water Clear	8	2.0	2.4	30	4300	9300	100	40	200	2
SL905ACU	AlInGaP	Amber	605	Water Clear	18	2.0	2.4	30	2800	4000	100	40	200	2
SL905OCE	GaAsP/GaP	Orange	635	Water Clear	30	2.0	2.8	20	20	60	100	30	160	2
SL905OCV	AlInGaP	Orange	611	Water Clear	35	2.0	2.4	20	650	1000	100	40	200	2
SL905OCS	AlInGaP	Orange	611	Water Clear	22	2.0	2.4	20	2200	3000	100	40	200	2
SL905OCS-8	AlInGaP	Orange	611	Water Clear	8	2.0	2.4	20	4300	9300	100	40	200	2

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