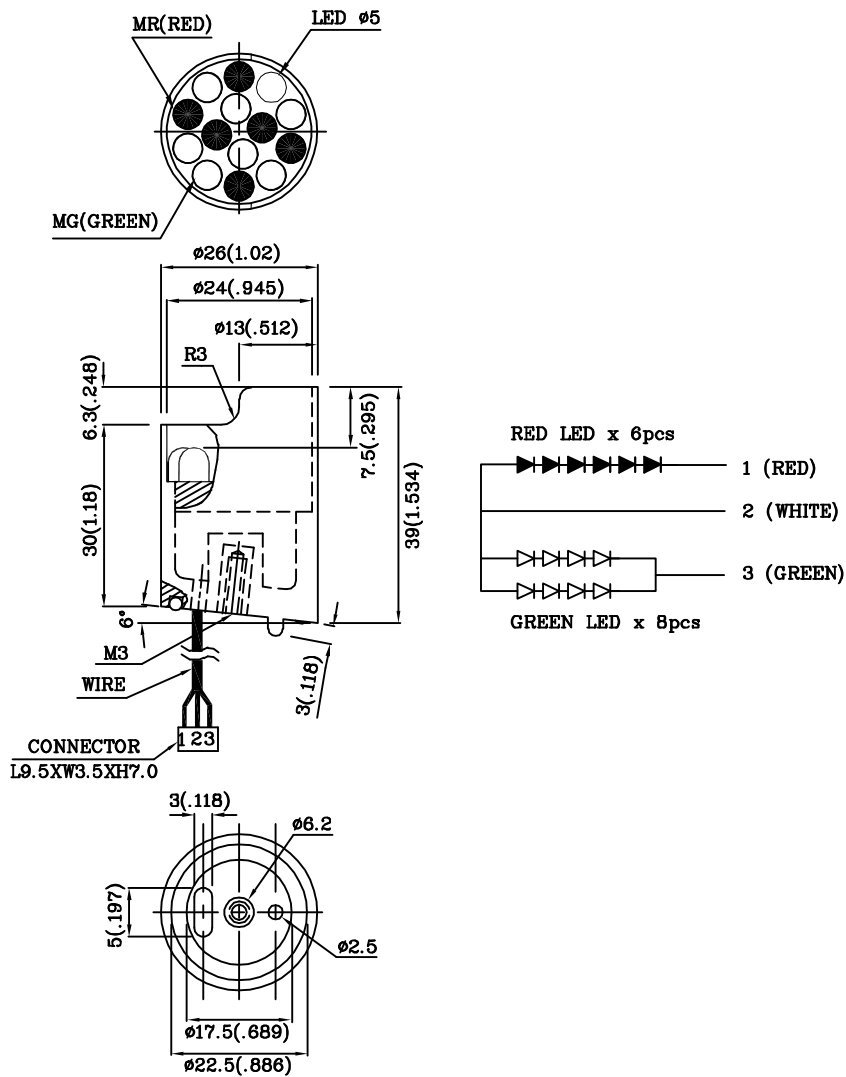


**Features**

- HIGH VISIBILITY.
- EMITTING COLOR: RED AND GREEN.
- NO. OF BUILT-IN 5mm LED LAMPS: SUPER BRIGHT RED 6PCS , SUPER BRIGHT GREEN 8PCS.
- WATERPROOF PACKAGE WITH HOOD SUITABLE FOR OUTDOOR AND INDOOR INFORMATION BOARDS.
- RoHS COMPLIANT.



Notes:

1. All dimensions are in millimeters (inches).
2. Tolerance is  $\pm 0.25(0.01)$  unless otherwise noted.

**Electrical / Optical Characteristics at TA=25°C**

Symbol	Parameter	Device	Wafer	Min.	Typ.	Max.	Units	Test Conditions
Iv	Luminous Intensity	XK6MR8MGW10	MR MG	1500 650	2790 1590	-	mcd	If=20mA If=40mA
2 θ1/2	Viewing Angle		MR MG	-	40	-	deg	-
VF	Forward Voltage		MR MG	-	11 8.8	15 10	V	If=20mA If=40mA
λ p	Wavelength of Peak Emission		MR MG	-	660 565	-	nm	If=20mA If=40mA
λ D	Wavelength of Dominant Emission		MR MG	-	640 568	-	nm	If=20mA If=40mA
Δλ 1/2	Spectral Line Full Width At Half-Maximum		MR MG	-	20 30	-	nm	If=20mA If=40mA
IR	Reverse Current				-	-	30	uA

**Absolute Maximum Ratings at TA=25°C**

Parameter	Value	Units
Total Power dissipation	860	mW
DC Forward Current	80	mA
Reverse Voltage	5	V
Operating Temperature	-40 To +70	°C
Storage Temperature	-40 To +85	°C