

SPECIFICATION FORM**FEATURES**

- ✧ Φ 26MM OUTLINE
- ✧ SINGLE COLOR CLUSTER
- ✧ EASY ASSEMBLY
- ✧ HIGH BRIGHTNESS
- ✧ SOLID STATE RELIABILITY

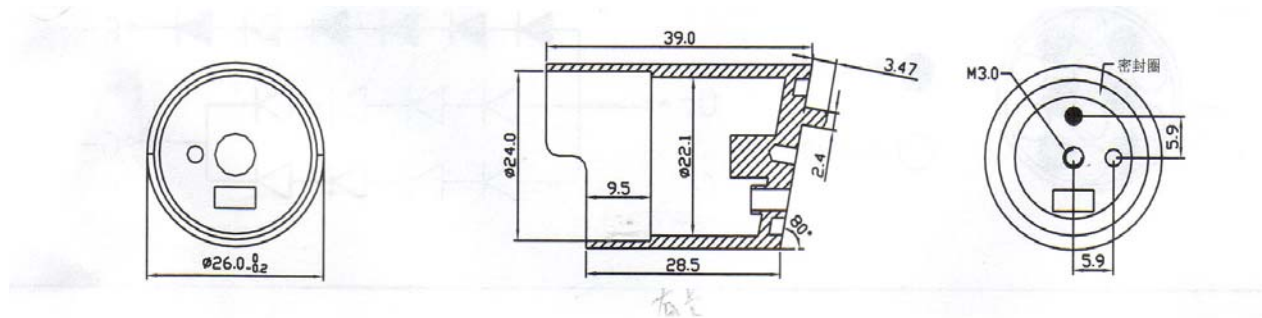
DESCRIPTION

The REC-C26R10 is a Φ 26MM outline, single color outdoor cluster display. This display consists of ten super-red LEDs . These devices have black face and water clear LEDs.

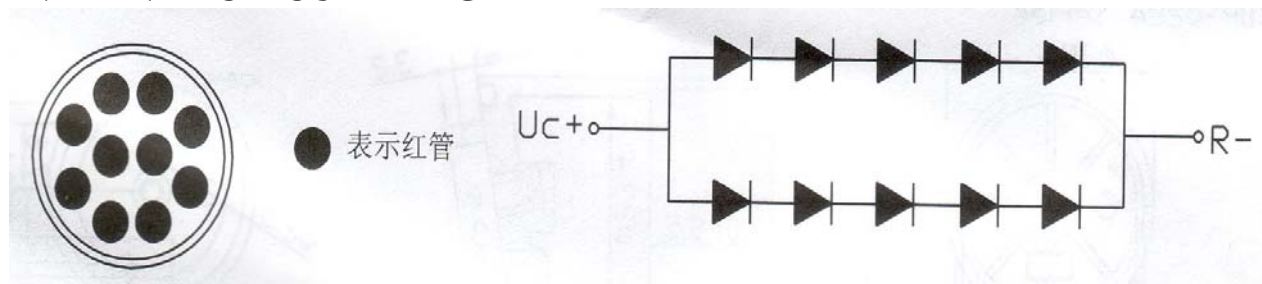
DEVICE

PART NO.	EMITTING COLOR	DESCRIPTION
REC-C26R10	Super-red	10 red LEDs

PACKAGE DIMENSION



INTERNAL CIRCUIT DIAGRAM



ABSOLUTE MAXIMUM RATING AT T_A=25° C

PARAMETER	SYMBOL	MAXIMUM	UNIT
Power Dissipation.	P _{AD}	480	mW
Peak Forward Current	I _{PF}	80	mA
Continuous Forward Current.	I _{AF}	40	mA
Reverse Voltage	V _R	20	V
Operating Temperature Range, T _{opr}		- 25° C to + 60° C	
Storage Temperature Range, T _{stg}		- 30° C to + 85° C	
Solder Temperature : 1 / 16 inch below seating plane for 3 seconds at 260° C			

ELECTRO - OPTICAL CHARACTERISTICS AT T_A=25° C

PARAMETER	UNIT	MIN	TYPE	MAX
Luminous Intensity., I _V (I _F =20mA)	mcd	----	20000	----
Peak Emission Wavelength, λ _p (I _F =20mA)	nm		630	
Special Line Half-Width, Δλ (I _F =20mA)	nm		20	
Forward Voltage , V _F (I _F =20mA)	V	8	9.5	11
View Angle, 2 θ _{1/2}	Deg.		45	
Luminous Intensity Matching Ratio, I _{V-m} (I _F =20mA)				2 : 1