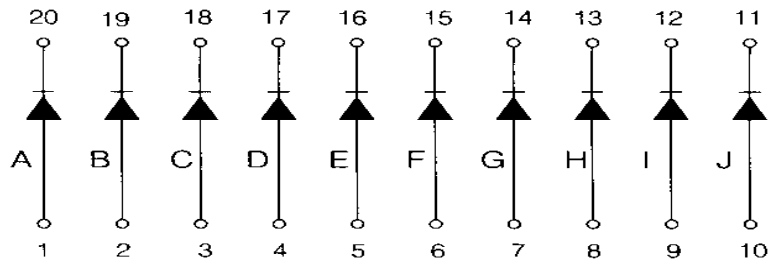
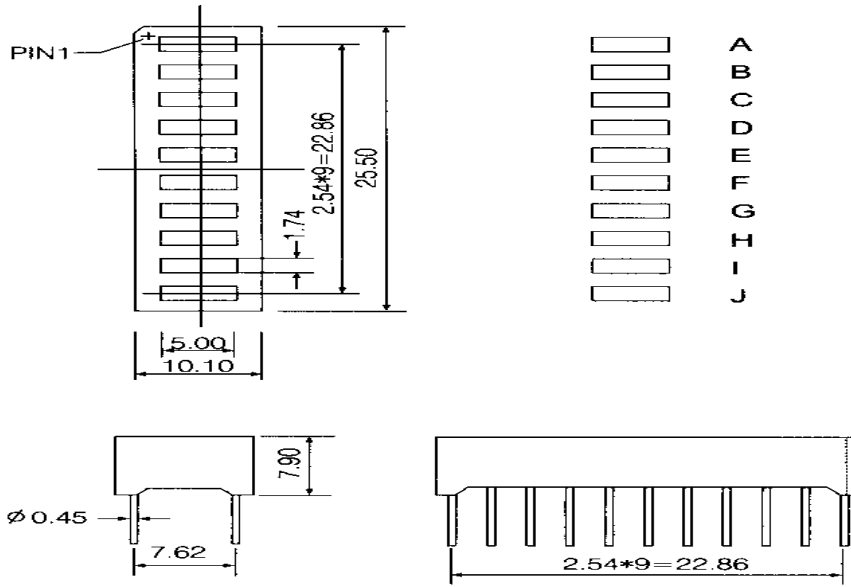


# DATA SHEET for LED DISPLAY

HBUG-105

Part No.	Dice Color
HBUG-105	Green
Internal Circuit Diagram	Package Dimensions



HBUG-105

**Absolute Maximum Rating of Each Segment**

(Ta=25°C)

Parameter	Symbol	Maximum Rating	Unit
Power Dissipation	P <sub>M</sub>	80	mW
Continuous Forward Current	I <sub>F</sub>	30	mA
Reverse Voltage	V <sub>R</sub>	5	V
Operation Temperature	T <sub>opr</sub>	-20°C ~ 70°C	°C
Storage Temperature	T <sub>stg</sub>	-20°C ~ 85°C	°C

**Electron-Optical Characteristics of Each Segment**

(Ta=25°C)

Parameter	Symbol	Min.	Typ.	Max.	Unit	Test Condition
Luminous Intensity	I <sub>v</sub>		3.0		mcđ	I <sub>F</sub> =20mA
Forward Voltage	V <sub>F</sub>		2.2	2.5	V	I <sub>F</sub> =20mA
Reverse Current	I <sub>R</sub>			20	μA	V <sub>R</sub> =5V
Peak Wavelength	λ <sub>p</sub>		570		nm	I <sub>F</sub> =20mA