

8x8 Dot-Matrix 3mm dia. Bicolor LED Display

User's Guide

(1) Absolute Maximum Ratings at Ta=25°C

Item	Symbol	Absolute Maximum Rating	Unit
Forward Current	IF	20	mA
Pulse Forward Current	IFP	100	mA
Reverse Voltage	VR	5	V
Power Dissipation	PD	-20~+80	mW
Operating Temperature	Topr	-25~+85	°C
Storage Temperature	Tstg	-25~+85	°C
Soldering Temperature	Tsld	Reflow Soldering : 260°C for 5 Seconds Hand Soldering : 350°C for 3 Seconds	

* IFP Conditions : Pulse Width ≤ 10m sec. and Duty ≤ 1/10

(2) Initial Electrical / Optical Characteristics at Ta=25°C

Item	Symbol	Min.	Typ.	Max.	Unit	Test Condition
Forward Voltage(Green)	VF	2.2	2.3	2.5	V	IF=20mA
Forward Voltage(Red)	VF	1.6	1.8	2.0	V	IF=20mA
Reverse Current	IR	---	---	10	uA	VR=5V

