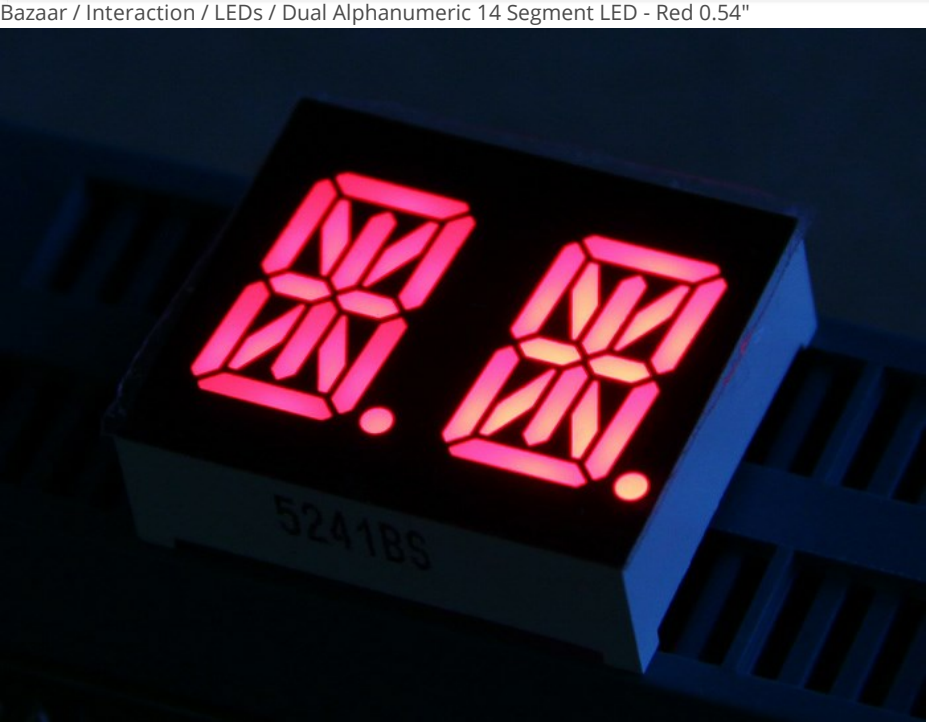
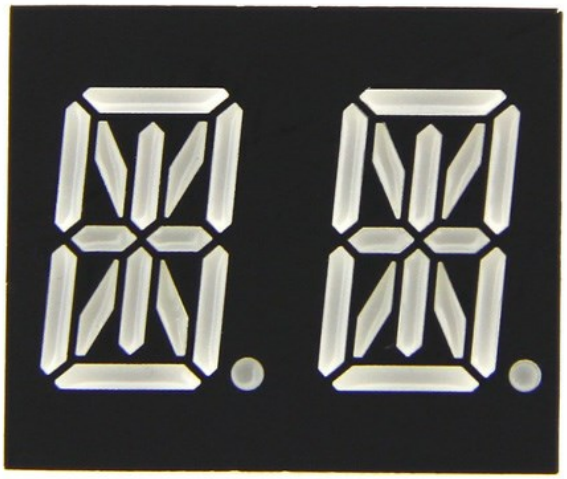
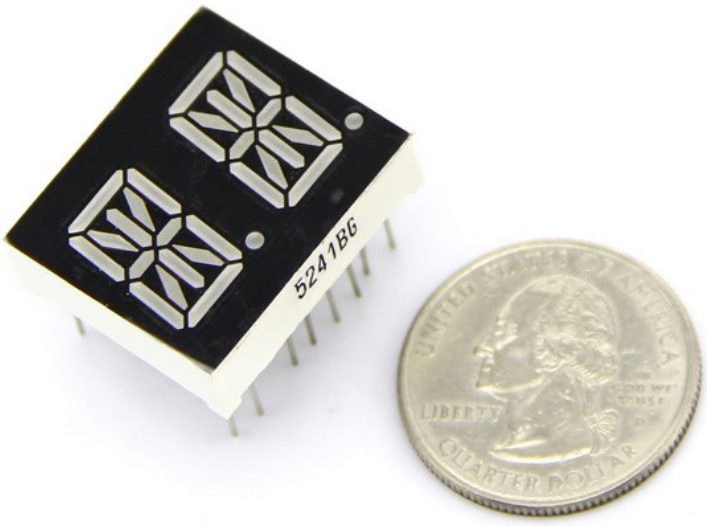
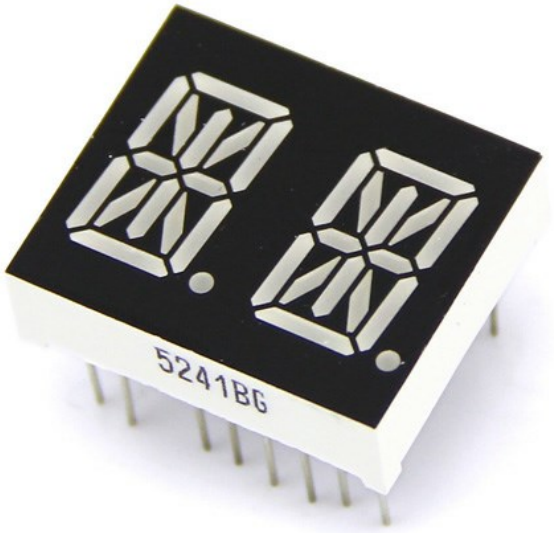
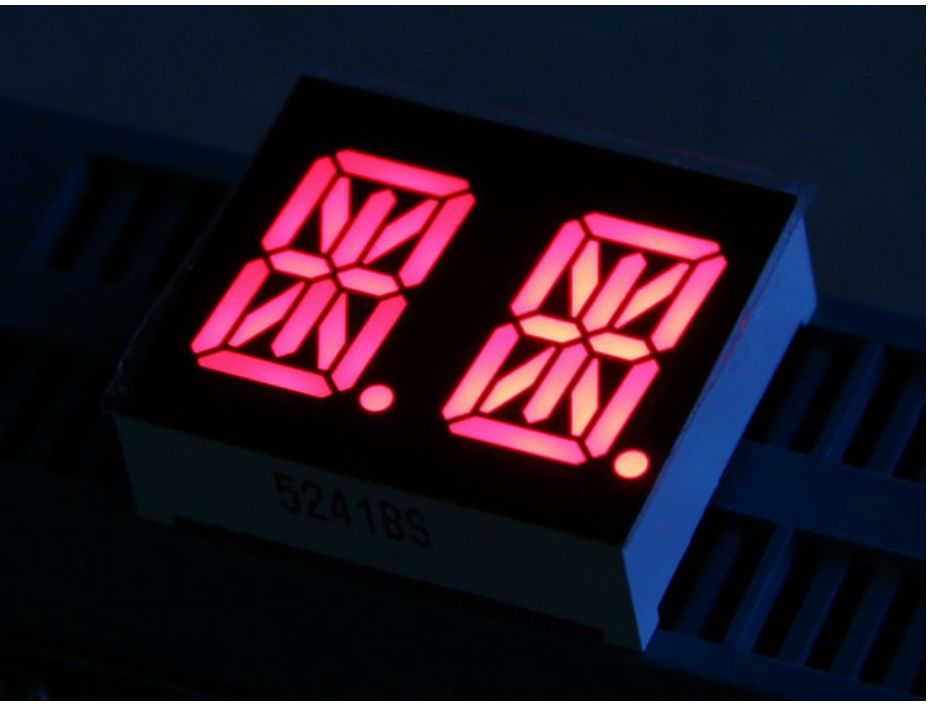

5241BS


5241BG









Dual Alphanumeric 14 Segment LED - Red 0.54"

SKU 104990122

1 ADD TO CART

Description

This is 0.54" 14 segment common cathode LED and the color is red.

It can display more characters then 7 segment LEDs, include letters and numbers.

It is compatible with bread board and can work with Arduino by adding some current limiting resistors. So, it Suitable for people who is newbie of electronic.

Note: It just a segment LED without control chip.

Corresponding Interface:
High intensity and reliability
High quality,low power requirement and low cost
IC compatible ,easy assembly
ESD 2000V

Specification:
0.54 Inch dual digits display
common cathode
black face ,white segment
Luminous Color: Red
Chips Materials: AlGaInP

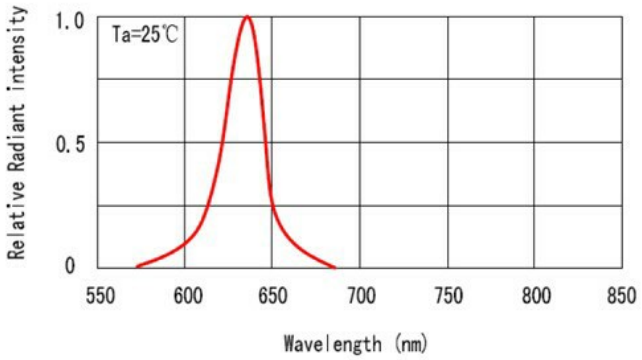
■ 产品最大绝对参数值（Ta：25℃）**ABSOLUTE MAXIMUM RATINGS AT Ta=25℃：**

PARAMETER 项 目	SYMBOL 符 号	RED 红色	UNIT 单 位
Power Dissipation Per Segment 功 耗	PAD	50	mw
Reverse Voltage Per Segment 反 向 耐 压	VR	5	V
Continuous Forward Current Per Segment 最 大 使 用 电 流	IAF	20	mA
Peak Forward Current Per Segment(Duty-0.1,1KHz) 最 大 峰 值 电 流	IPF	60	mA
Operating Temperature Range 工 作 温 度	TOPr	-20℃ to 80℃	
Storage Temperature Range 贮 藏 温 度	Tstg	-30℃ to 85℃	
Lead Soldering Temperature 260℃ at 1.6mm From Body for 3 second 焊接温度 260℃/3 秒 距离胶体 1.6mm 以上			

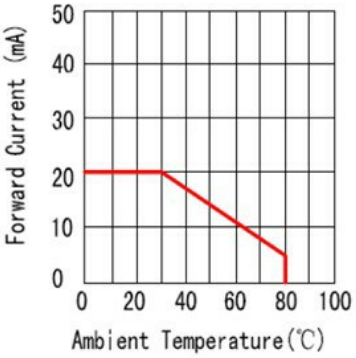
■ 产品光电参数值（Ta：25℃）**ELECTRICAL/OPTICAL CHARACTERISTICS AT Ta=25℃：**

PARAMETER 项 目	SYMBOL 符 号	TEST CONDITION 测 试 条 件	Color 颜色	MIN 最小值	TYP 标准值	MAX 最大值	UNIT 单位
Forward Voltage ,Per Segment 正 向 压 降	VF	IF=20mA	红色 RED	1.9	2	2.5	V
Reverse Current , Per Segment 反 向 漏 电 流	IR	VR=5V	红色 RED			50	μA
Peak Emission Wavelength 峰 值 波 长	λp	IF=20mA	红色 RED	630	633	637	nm
Luminous Intensity Per Segment 法 向 光 强	IV	IF=20mA	红色 RED	23	25	28	mcd

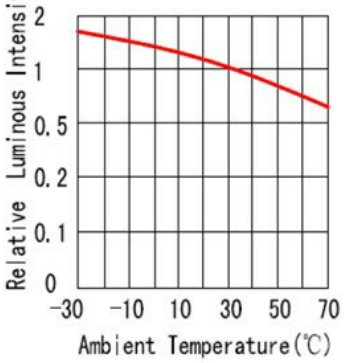
RELATIVE INTENSITY VS. WAVELENGTH



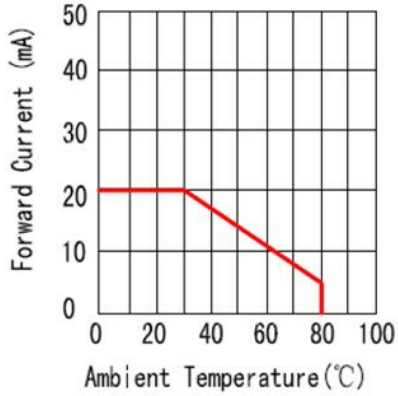
ALLOWABLE FORWARD CURRENT
AMBIENT TEMPERATURE



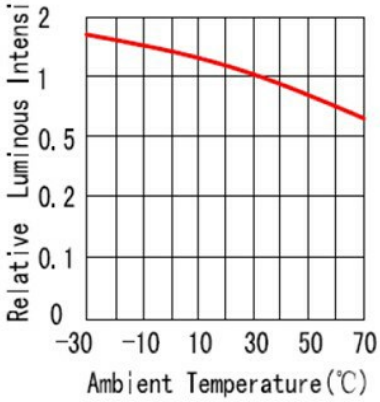
LUMINOUS INTENSITY VS.
AMBIENT TEMPERATURE

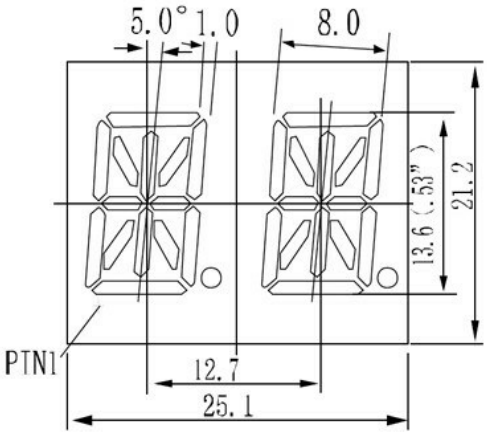


ALLOWABLE FORWARD CURRENT
AMBIENT TEMPERATURE

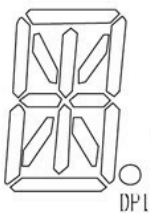


LUMINOUS INTENSITY VS.
AMBIENT TEMPERATURE

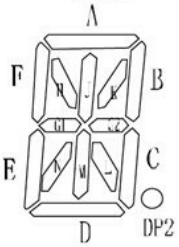


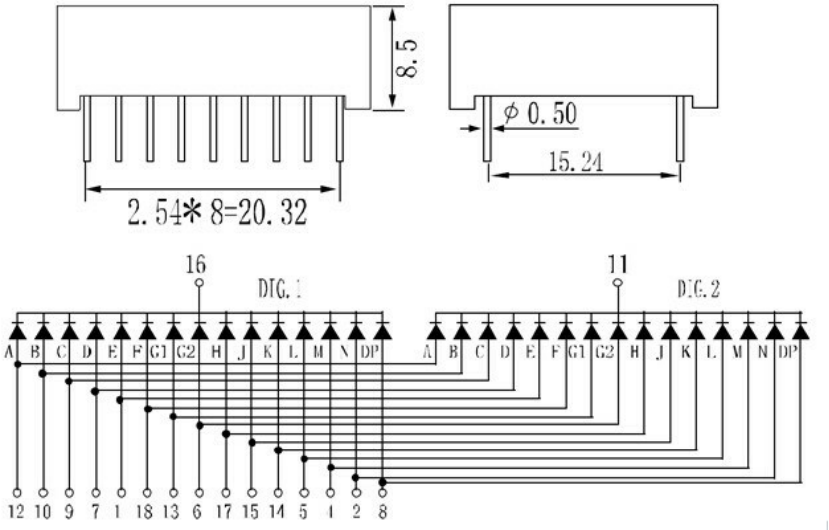


DIG. 1



DIG. 2





For any technical support or suggestion, please kindly go to our forum.

Technical Details

Dimensions	50mm x 50mm x 15mm
Weight	G.W 6g
Battery	Exclude

ECCN/HTS

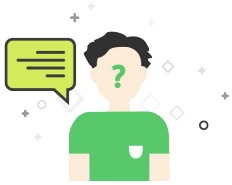
ECCN	Not Available
HSCODE	8531200000

Certification

RoHSCompliant

Questions and Answers

Have a question about this? Ask people who



Dual Alphanumeric 14 Segment LED - Red 0.54"

SKU 104990122

IN STOCK
3 Available

1

ADD TO CART

Description
Technical Details
Questions and Answers

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