



YETDA INDUSTRY LTD.

0.56" SINGLE RED DIGIT SMD LED DISPLAY

S-5612AUF21-SMD

DESCRIPTION

- * 0.56" (14.2mm) Inch Digit Height.
- * Super Bright Red Display.
- * Gray Face and White Segment Color.
- * Common Anode.

ABSOLUT MAXIMUM RATINGS AT Ta=25°C

| Parameter | | UNIT |
|---|---|------|
| Power Dissipation Per Seg. & Dot | 40 | mW |
| Peak Forward Current Per Seg. & Dot | 120 | mA |
| Forward current Per Seg. & Dot (Static) | 30 | mA |
| Reverse Voltage Per Seg. & Dot | 5 | V |
| Operation Temperature Range | -25°C TO +80°C | °C |
| Storage Temperature Range | -25°C TO +100°C | °C |
| Lead Soldering Temperature | 260 for 3 seconds 1.6mm(1/16 inch) from body | |

ELECTRICAL/OPTICAL CHARACTERISTIC AT Ta=25°C

| PARAMETER | SYMBOL | MIN. | TYP. | MAX. | UNIT | CONDITION |
|-----------------------------------|--------|------|------|-------|------|-----------|
| Average Luminous Intensity | Iv | 50 | 60 | | mcd | If=20mA |
| Emission Wavelength | d | | 625 | | nm | If=20mA |
| Forward Voltage Per Seg. & Dot | Vf | | 2.0 | 2.4 | V | If=20mA |
| Reverse Current Per Seg. | Ir | | | 10 | uA | Vr=5V |
| Luminous Intensity Matching Ratio | Iv-m | | | 2 : 1 | | If=20mA |

