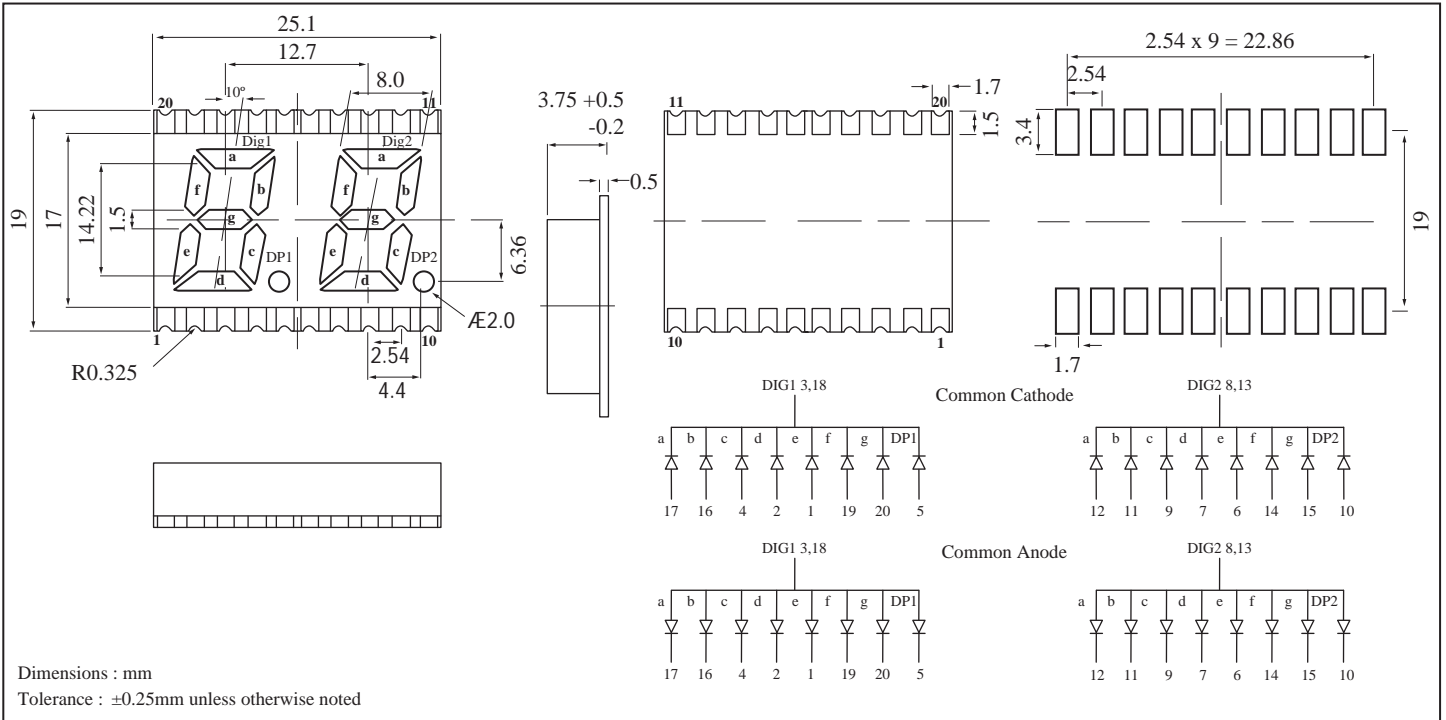


# 14.22mm (0.56") Double SMD 7 Segment Display

## Features:

- 14.22mm (0.56") Digit Height, Low Profile 3.75mm High
- Low Current Operation
- IC Compatible
- Grey Face, White Segment
- Tape and Reel for Automated Pick and Place Machines
- 400 Pieces Per Reel
- Excellent Character Appearance
- Right Hand Decimal

## Package Outline Dimensions & Recommended Soldering Pattern:



## Absolute Maximum Ratings (Ta=25°C):

|                      |        |                       |              |
|----------------------|--------|-----------------------|--------------|
| Reverse Voltage (VR) | : 5V   | Operating Temperature | : -40 ~+85°C |
| Forward Current (IF) | : 30mA | Storage Temperature   | : -40 ~+85°C |

## Electro-Optical Characteristics (Ta=25°C):

| Part Number  |                | Colour | Chip Material | Wavelength (nm) |          | Electrical/Optical |     |                  |       | Forward Current (Peak) mA | Power Dissipation mW |
|--------------|----------------|--------|---------------|-----------------|----------|--------------------|-----|------------------|-------|---------------------------|----------------------|
| Common Anode | Common Cathode |        |               | Peak            | Dominant | Vf (V) If=10mA     |     | Iv (ucd) If=10mA |       |                           |                      |
|              |                |        |               |                 |          | Typ                | Max | Min              | Typ   |                           |                      |
| NXZDUR14A2   | NXZDUR14C2     | Red    | GaAsP/GaP     | 627             | 625      | 1.90               | 2.5 | 1200             | 7300  | 160                       | 105                  |
| NXZDMR14A2   | NXZDMR14C2     | Red    | GaAlAs        | 660             | 640      | 1.80               | 2.5 | 3000             | 15400 | 155                       | 100                  |
| NXZMDK14A2   | NXZMDK14C2     | Red    | InGaAIP       | 650             | 635      | 1.85               | 2.5 | 4700             | 17600 | 185                       | 170                  |
| NXZDMOK14A2  | NXZDMOK14C2    | Orange | InGaAIP       | 610             | 601      | 2.00               | 2.5 | 12000            | 40000 | 195                       | 75                   |
| NXZDMG14A2   | NXZDMG14C2     | Green  | GaP           | 565             | 568      | 2.00               | 2.5 | 3000             | 1300  | 140                       | 105                  |
| NXZDVG14A2   | NXZDVG14C2     | Green  | InGaAIP       | 574             | 570      | 2.00               | 2.5 | 8000             | 34500 | 150                       | 105                  |
| NXZDUY14A2   | NXZDUY14C2     | Yellow | GaAsP/GaP     | 590             | 588      | 1.95               | 2.5 | 1200             | 4900  | 140                       | 105                  |
| NXZDMYK14A2  | NXZDMYK14C2    | Yellow | InGaAIP       | 590             | 590      | 1.95               | 2.5 | 12000            | 42000 | 175                       | 125                  |
| NXZDUB14A2   | NXZDUB14C2     | Blue   | GaN           | 430             | 466      | 3.60               | 4.5 | 1200             | 5100  | 150                       | 105                  |
| NXZDBB14A2   | NXZDBB14C2     | Blue   | InGaN         | 468             | 470      | 3.30               | 4.2 | 3000             | 15700 | 160                       | 102                  |



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