

**ATTENTION**

OBSERVE PRECAUTIONS
FOR HANDLING
ELECTROSTATIC
DISCHARGE
SENSITIVE
DEVICES

Part No.: NET-3636AW-14**Features:**

- Industrial standard size.
- Low current operation.
- Easy mounting on P.C. boards or sockets.
- I.C. compatible.
- Mechanically rugged.
- Pb free.
- RoHS compliant.

Descriptions:

- The NET-363xAx series is a large 9.2mm (0.36") high seven segment display.
- These displays provide excellent reliability in bright ambient light.
- These devices are made with black surface and yellow segments.
- The White source color devices are made with InGaN Blue Light Emitting Diode.

Absolute maximum ratings (Ta = 25°C)

| Parameter | Symbol | | Value | | Unit |
|-----------------------|--------|---------------------------------|-------|------|------|
| | | | Min. | Max. | |
| Reverse Voltage | VR | ---- | ---- | 5 | V |
| Forward Current | IF | ---- | ---- | 25 | mA |
| Power Dissipation | Pd | ---- | ---- | 75 | mW |
| Pulse Current | Ipeak | Duty=0.1mS, 1kHz | ---- | 80 | mA |
| Operating Temperature | Topr | ---- | -25 | +85 | °C |
| Storage Temperature | Tstr | ---- | -30 | +85 | °C |
| Solder Temperature | Tsol | 1/16inch below Seating plane | 260/3 | | °C/s |

Electrical and optical characteristics (Ta = 25°C)

| Parameter | Symbol | Test Condition | Values | | | Unit |
|--------------------------|----------------|----------------------|--------|------|------|------|
| | | | Min. | Typ. | Max. | |
| Forward Voltage | V _F | I _F =20mA | ---- | 3.0 | 3.6 | V |
| Reverse Current | I _R | V _R =5V | ---- | ---- | 30 | μA |
| Chromaticity Coordinates | X | I _F =20mA | ---- | 0.27 | ---- | nm |
| | Y | I _F =20mA | ---- | 0.25 | ---- | nm |
| Luminous Intensity | I _v | I _F =10mA | ---- | 30 | ---- | mcd |

Typical electrical/optical characteristic curves:

