



YETDA INDUSTRY LTD.



## 3mm Red Super Bright LED Lamps 340SK1GT

3mm with AlGaAs/GaAs Dice ◦

Encapsulated with Red Diffused Package ◦

Long Leads ◦

### Absolute Maximum Ratings :

| Parameter                   | Maximum Rating      | Unit |
|-----------------------------|---------------------|------|
| Peak Forward Current        | 120                 | mA   |
| Continuous Forward Current  | 30                  | mA   |
| Operating Temperature Range | -40°C to +85°C      |      |
| Storage Temperature Range   | -50°C to +100°C     |      |
| Lead Soldering Temperature  | 260°C for 3 seconds |      |

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

| Parameter          | Test Condition | Symbol | Min. | Typ. | Max. | Unit |
|--------------------|----------------|--------|------|------|------|------|
| Forward Voltage    | IF = 20mA      | VF     |      | 1.8  | 2.2  | V    |
| Reverse Current    | VR = 5V        | IR     |      |      | 10   | uA   |
| Luminous Intensity | IF = 20mA      | Iv     | 15   | 30   |      | mcd  |
| Spectral Bandwidth | IF = 20mA      | Δλ     |      | 20   |      | nm   |
| Wavelength         | IF = 20mA      | λp     |      |      |      | nm   |
|                    |                | λD     |      | 660  |      | nm   |
| Viewing Angle      | IF = 20mA      | 2 θ1/2 |      | 80   |      | deg  |

### Package(Unit:mm)

Item: 340

