Tiny Scarab LEDs

The LEDs on the Tiny Scarab board have these characteristics:

* A close-up of a white and gold device

  Description automatically generatedManufacturer: Würth Elektronik
* Package: 0603 SMD
* Lens: Diffused
* Viewing Angle: 140 deg

# Green

MPN: 150060GS55040  
SPN: 732-12014-2-ND

A graph of a function

Description automatically generatedA green line graph on a white background

Description automatically generatedA green line graph with numbers

Description automatically generated

10mA

3V00

# Red

MPN: 150060RS55040  
SPN: 732-12015-2-ND

A graph with a red line

Description automatically generatedA graph with a red line

Description automatically generatedA graph of a function

Description automatically generated

10mA

1V90

# Yellow

MPN: 150060YS55040  
SPN: 732-12018-2-ND

A graph with a line

Description automatically generatedA graph with a line

Description automatically generated

10mA

1V95

A graph of a function

Description automatically generated

# Blue

MPN: 150060BS55040  
SPN: 732-12013-2-ND

A graph with a line

Description automatically generatedA graph with a line

Description automatically generated

10mA

3V10

A graph with lines and curves

Description automatically generated

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| LED Color | Voltage @10 mA | Resistor @5V | GPN | Resistor @3V3 | GPN |
| Green | 3V00 | 200Ω | GPR0402200R | 30Ω | GPR040230R |
| Red | 1V90 | 310Ω (~300Ω) | GPR0402300R | 140Ω (~150Ω) | GPR0402150R |
| Yellow | 1V95 | 305Ω (~300Ω) | GPR0402300R | 135Ω (~130Ω) | GPR0402130R |
| Blue | 3V10 | 190Ω (~180Ω) | GPR0402180R | 20Ω | GPR040220R |