

Series effected: All products that contain AT633F Bright Green LED

This change notice applies to all parts numbers within listed below:

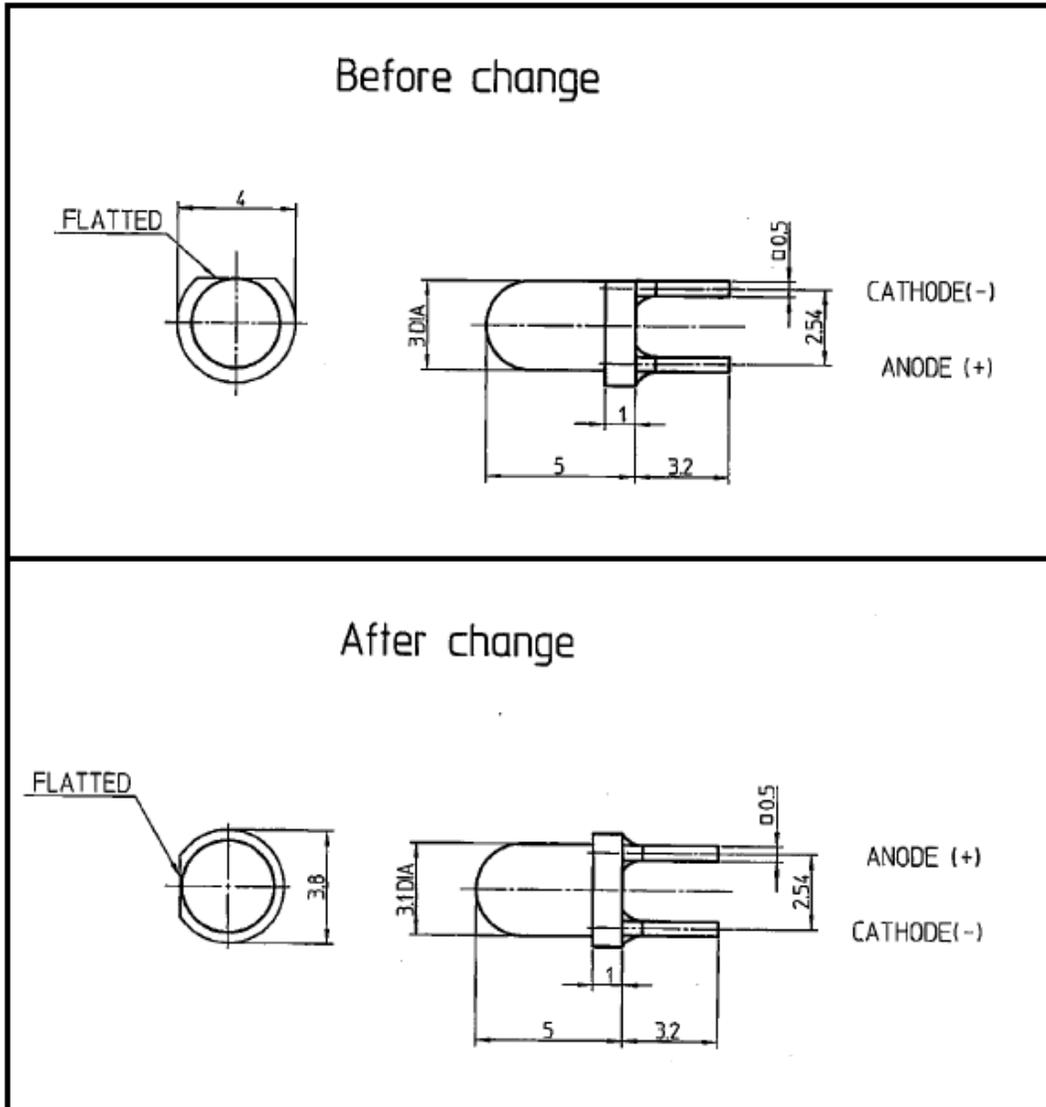
Part Number	LED color
AT633F	Green
HB01KW01-5F-FB	Green
HB01KW01-5F-JB	Green
HB02KW01-5F-FB	Green
HB02KW01-5F-JB	Green
HB15CKW01-5F-FB	Green
HB15CKW01-5F-JB	Green
HB15SKW01-5F-AB	Green
HB15SKW01-5F-FB	Green
HB15SKW01-5F-JB	Green
HB16CKW01-5F-FB	Green
HB16CKW01-5F-JB	Green
HB16SKW01-5F-AB	Green
HB16SKW01-5F-FB	Green
HB16SKW01-5F-JB	Green

Description

- NKK Switches notifies that all above listed part numbers will have a change on the LED's specification. The detail of the change is outlined below.

Specifications	Symbol	Before Change	After Change
LED Color		Green	Green
Maximum Forward Current	I_{FM}	25mA	30mA
Typical Forward Current	I_F	20mA	20mA
Forward Voltage	V_F	2.1V	2.1V
Maximum Reverse Voltage	V_{RM}	5V	10V
Current Reduction Rate Above 25°C	ΔI_F	0.42mA/°C	0.4mA/°C
Ambient Temperature Range		-25 °C~ 50 °C	-25 °C~ 50 °C

- External dimension of the LED changes as below.



Notes

- The LED circuit is isolated and requires an external power source.
- If the source voltage is greater than the LED's rated voltage, a ballast resistor must be connected to the LED.
- Contact to NKK Switches if further details are needed.

Effective Date

Changes to AT633F LED will be effective immediately

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Sincerely



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