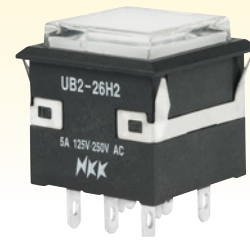


Super Bright LED and Specification Change



Type of Change:

- Engineering Part Number
 Product Appearance

The specifications for Super Bright LEDs has changed, Blue, Green & White.

This change will affect the following products:

All **UB2 Series** (switches, indicators and custom products) Super Bright LED models.

UB Series products are not affected.

Super Bright LEDs are Electrostatic Sensitive 		Color	Before Change			After Change			Unit
			6B White	6F Green	6G Blue	6B White	6F Green	6G Blue	
Forward Peak Current	I_{FM}		25	25	25	20	30	30	mA
Continuous Forward Current	I_F		20	20	20	15	20	20	mA
Forward Voltage	V_F		3.6	3.5	3.6	3.3	3.5	3.6	V
Reverse Peak Voltage	V_{RM}		5	5	5	5	5	5	V
Current Reduction Rate Above 25°C	ΔI_F		0.40	0.40	0.40	0.25	0.50	0.50	mA/°C
Ambient Temperature Range			-20° ~ +50°			-20° ~ +50°			°C

No change in external dimensions.

Continuous Forward Current and Forward Voltage will change. Please be sure to use the appropriate resistor.

Contact NKK for further details.

Effective Date

Change will be effective with November 2012 production.