

# Change Notice

## KP Series

### Change to KP Series LED (RGB Models)

Type of Change:

- Engineering     Part Number  
 Product         Appearance

The KP01 and KP02 Series illuminated pushbutton switches will have changes to the RGB LED specifications. This change will affect the illumination of all KP models, both standard and custom. All of the RGB KP models will have brighter, more vibrant illumination. Differences in the LED specification values are outlined on the table below.



KP01



KP02

#### LED SPECIFICATIONS

	Color	Before Change			After Change			Unit
		Red	Green	Blue	Red	Green	Blue	
Forward Peak Current	$I_{FM}$	30	30	30	30	30	30	mA
Continuous Forward Current	$I_F$	20	15	15	20	14	9	mA
Forward Voltage	$V_F$	2.0	3.3	3.4	2.0	2.9	2.9	V
Power Peak Dissipation	$P_D$	40	80	80	40	80	80	mW
Reverse Peak Voltage	$V_{RM}$	5	5	5	5	5	5	V
Dominant Wavelength	$\lambda_d$	625	525	470	621.5	522.5	472.5	nm
Current Reduction Rate Above 25°C	$\Delta I_F$	0.50	0.50	0.50	0.50	0.50	0.50	mA/°C
Ambient Temperature Range		-25 ~ +50			-25 ~ +50			°C

- Forward Voltage will be changed. Please make sure to use appropriate resistor.
- Contact factory for further details.
- No change to dimensions.

#### Availability

Change is estimated to be effective with May 2012 production.

**NKK**  
SWITCHES

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