

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	λ_d	625	525	470	621.5	522.5	472.5	nm
Current Reduction Rate Above 25°C	ΔI_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.

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