

Specification Change Notice

KC Series Illuminated Pushbutton Switch 【LED】

We would like to inform you that specification of LED (Super-Blue, Super-Green) will be changed after March 1, 2019.

No change in external dimensions and part number. The details are as follows.

LED colors: Super-Blue (14), Super-Green (18)

●LED Ratings

		Before Change		After Change	
		Super-Blue	Super-Green	Super-Blue	Super-Green
Max operating current IFM (mA)		20		20	
DC reverse voltage VR (V)		4	4	5	3
Forward voltage VF (V)		3.3	3.3	2.9	3.0
Recommended operating current IF (mA)		10		5	3
Pulse Lighting	Pulse Width PW (μs)	100		100	1000
	Duty Ratio DR	10 ⁻¹		10 ⁻¹	1/20
	Pulse allowable forward current IFP (mA)	100 (50)		50	48

●Reference Resistance (Ω)

Please determine resistance values with reference to the following when producing a uniform brightness for each color.

		Before Change		After Change	
Voltage \ Color		Super-Blue	Super-Green	Super-Blue	Super-Green
5V		220	910	430	910
12V		1200	4700	2200	4700
24V		2700	11000	5100	11000
Current value (mA) (reference values)		7	2	5	2