JL Series

Change Notice

Change to JL Tactiles LED Specifications

Type of Change:

✓ Engineering✓ Part Number✓ Product✓ Appearance

The JL Illuminated Tactiles will have a change to the LED specifications for Red, Amber and Green. The change will effect all illuminated models, both standard and custom. The specification changes are outlined below, followed by effected standard part numbers.

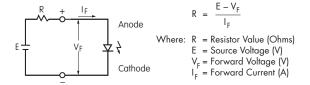


LED Changes for JL Illuminated Tactiles

LED COLORS & SPECIFICATIONS								
LEDs are an integral part of the switch. The electrical specifications shown are determined at a basic temperature of 25°C.			Before Change			After Change		
Red LED Model - 6 LEDs Amber & Green Models - 8 LEDs	1-color, 1-element LEDs grouped in arrays of 6 or 8.	Color	C Red	D Amber	F Green	C Red	D Amber	F Green
	Maximum Forward Current	I _{FM}	75mA	100mA	100mA	90mA	120mA	120mA
	Typical Forward Current	I _F	60mA	80mA	80mA	60mA	80mA	80mA
	Forward Voltage	V _F	4.0V	4.2V	4.2V	3.9V	4.0V	4.2V
	Maximum Reverse Voltage	V _{RM}	8V	8V	8V	10V	10V	10V
	Current Reduction Rate Above 25°C	ΔI _F	0.98mA/°C	1.31n	nA/°C	1.2mA/°C	1.6m	A/°C
	Ambient Temperature Range		−25°C ~ +50°C			−25°C ~ +50°C		

Notes

- The LED circuit is isolated and requires an external power source.
- If the source voltage exceeds the rated voltage, a ballast resistor is required. The resistor value can be calculated by using the formula shown here.
- The changes to LED specifications do not effect any external dimensions of the switches.
- · Contact the factory if further details are needed.



JL PART NUMBERS EFFECTED BY LED SPECIFICATION CHANGES						
JL15SKSBCP2	JL15SKSBDP2	JL15SKSBFP2				
JL15LSKSCCP2	JL15SKSDDP2	JL15SKSFFP2				

Effective Date

Changes to JL Tactiles LEDs will be effective April 2016.



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