
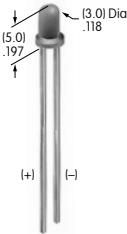


Change of LED Specifications

Type of Change:

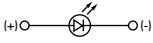

- Engineering Part Number
 Product Appearance

The LED specifications for the products listed below will change.

		Before Change		After Change		
		C	E	C	E	
AT617C (Red) AT617E (Yellow) LEDs used in Bezel AT212 for the following switch series: <ul style="list-style-type: none"> • EB Pushbuttons • M Rockers • MB2400, MB2500 Pushbuttons 	Color	Red	Yellow	Red	Yellow	
	Forward Peak Current	I_{FM}	30mA	30mA	30mA	30mA
	Continuous Forward Current	I_F	24mA	24mA	20mA	20mA
	Forward Voltage	V_F	2.0V	2.0V	2.0V	2.1V
	Reverse Peak Voltage	V_{RM}	5V	5V	5V	5V
	Current Reduction Rate Above 25°C	ΔI_F	0.40 mA/°C	0.40 mA/°C	0.40 mA/°C	0.40 mA/°C
Ambient Temperature Range (when used with a bezel)		-15° ~ +70°C		-15° ~ +70°C		

- Forward Voltage will be changed. Please make sure to use appropriate resistor.
- Color of AT617E in OFF state slightly different.
- Electrical specifications are determined at a basic temperature of 25°C.
- Contact factory for further details.

AT617F: For specifications of green LED see current catalog "Switch Guide" or Contact 153 from October 15, 2008.

		Before Change		After Change		
		F	E	F	E	
Affected are all G Series Indicators listed below including custom products. G01PF (Green) G01VF (Green) G01PE (Yellow) G01VE (Yellow) No change to Red models G01PC & G01VC 	Color	Green	Yellow	Green	Yellow	
	Forward Peak Current	I_{FM}	30mA	30mA	25mA	30mA
	Continuous Forward Current	I_F	20mA	20mA	20mA	20mA
	Forward Voltage	V_F	2.1V	2.0V	2.25V	2.1V
	Reverse Peak Voltage	V_{RM}	5V	5V	5V	5V
	Current Reduction Rate Above 25°C	ΔI_F	0.40 mA/°C	0.40 mA/°C	0.33 mA/°C	0.40 mA/°C
Ambient Temperature Range		-25°C ~ +85°C		-25°C ~ +85°C		

- Forward Voltage will be changed. Please make sure to use appropriate resistor.
- Color of Yellow models G01PE & G01VE in OFF state slightly different.
- Electrical specifications are determined at a basic temperature of 25°C.
- Contact factory for further details.

Effective Date

All changes above will be effective with January 2012 production.