

Modifications Notices

Pushbutton Switches/Indicators

Issue Date
November 1, 2019

No. 2019109AE(ON)(2)

Modification Notice of Push button lightness of Lighted Pushbutton Switch (Cylindrical 8-dia.) A3D series due to parts discontinuation

<< REQUEST >>

There was modification in portion of modification notices of Product News No. RS-Z-1905015 of May 2019 issue. What we have changed is as follows;

1. Change of Specifications and lightness of built-in LED Lamp,
 2. Change effective date from January, 2020 to May, 2020
- Please abolish old edition, replace the latest No. RS-Z-1909021.

[Effective Date]

Effective as of our production in **May, 2020**.

[Applicable Model]

Model A3D□-5 series

Model A3D□-9 series

< Refer to the " [Details of applicable model] " . >

[Reason for change]

LED parts discontinuation of production.

[Change of products specification]

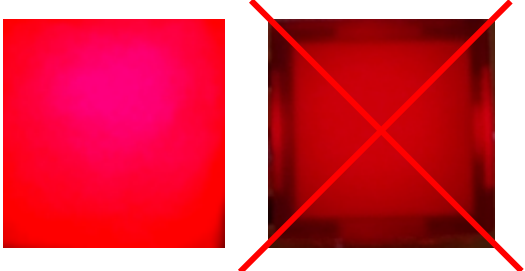
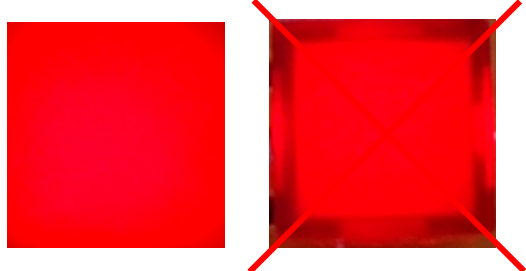
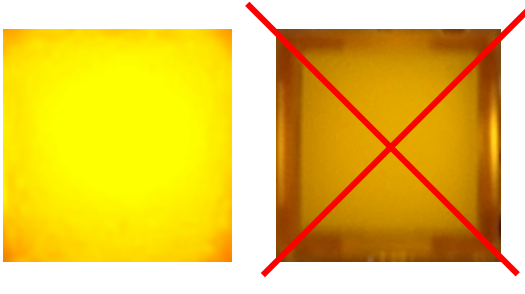
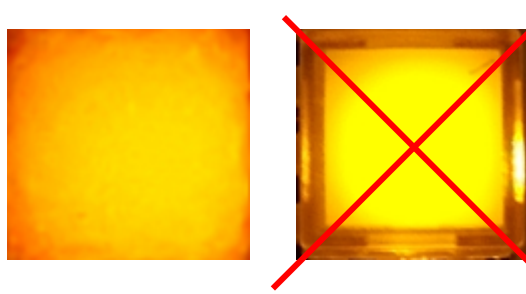
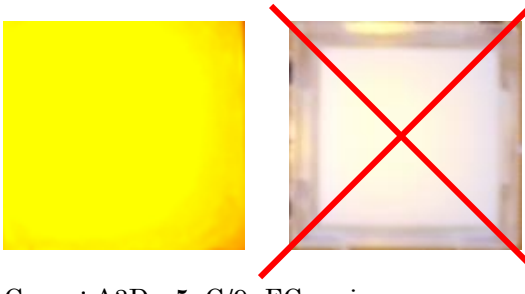
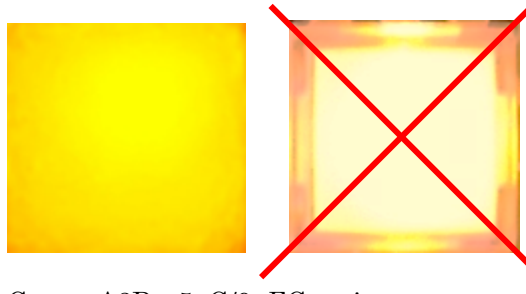
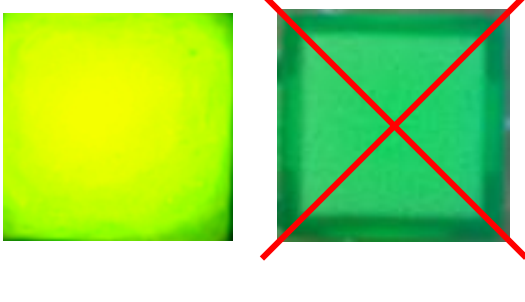
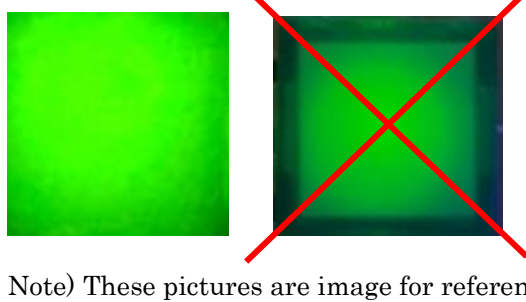
Necessary



[Changes]

Before the change			After the change		
Specifications of built-in LED Lamp			Specifications of built-in LED Lamp		
Red: A3D□-5□R/9□ER series			Red: A3D□-5□R/9□ER series		
Change point: V_F , P_D , V_R			Change point: V_F , P_D , V_R		
		Rating			Rating
Forward voltage, V_F	Reference value(V)	1.7	Forward voltage, V_F	Reference value(V)	1.85
	Maximum value(V)	2.0		Maximum value(V)	2.2
Forward current, I_F	Reference value(mA)	20	Forward current, I_F	Reference value(mA)	20
	Absolute maximum value(mA)	50		Absolute maximum value(mA)	50
Permissible dissipation, P_D	Absolute maximum value(mW)	100	Permissible dissipation, P_D	Absolute maximum value(mW)	110
Reverse voltage, V_R	Absolute maximum value(V)	4	Reverse voltage, V_R	Absolute maximum value(V)	5
Yellow: A3D□-5□Y/9□EY series White: A3D□-5□W/9□EW series			Yellow: A3D□-5□Y/9□EY series White: A3D□-5□W/9□EW series		
Change point: V_F , I_F (Absolute maximum value), P_D , V_R			Change point: V_F , I_F (Absolute maximum value), P_D , V_R		
		Rating			Rating
Forward voltage, V_F	Reference value(V)	2.2	Forward voltage, V_F	Reference value(V)	2.1
	Maximum value(V)	2.5		Maximum value(V)	2.4
Forward current, I_F	Reference value(mA)	20	Forward current, I_F	Reference value(mA)	20
	Absolute maximum value(mA)	50		Absolute maximum value(mA)	30
Permissible dissipation, P_D	Absolute maximum value(mW)	125	Permissible dissipation, P_D	Absolute maximum value(mW)	72
Reverse voltage, V_R	Absolute maximum value(V)	4	Reverse voltage, V_R	Absolute maximum value(V)	5
Green: A3D□-5□G/9□EG series			Green: A3D□-5□G/9□EG series		
Change point: V_F , I_F (Absolute maximum value), P_D , V_R			Change point: V_F , I_F (Absolute maximum value), P_D , V_R		
		Rating			Rating
Forward voltage, V_F	Reference value(V)	2.1	Forward voltage, V_F	Reference value(V)	2.3
	Maximum value(V)	2.5		Maximum value(V)	2.5
Forward current, I_F	Reference value(mA)	20	Forward current, I_F	Reference value(mA)	20
	Absolute maximum value(mA)	50		Absolute maximum value(mA)	30
Permissible dissipation, P_D	Absolute maximum value(mW)	125	Permissible dissipation, P_D	Absolute maximum value(mW)	75
Reverse voltage, V_R	Absolute maximum value(V)	4	Reverse voltage, V_R	Absolute maximum value(V)	5

[Changes]

Before the change	After the change
<p>Illumination lightness of push button (I_F=20mA)</p> <p>Red: A3D□-5□R/9□ER series</p> 	<p>Illumination lightness of push button (I_F=20mA)</p> <p>Red: A3D□-5□R/9□ER series</p> 
<p>Yellow: A3D□-5□Y/9□EY series</p> 	<p>Yellow: A3D□-5□Y/9□EY series</p> 
<p>White: A3D□-5□W/9□EW series</p> 	<p>White: A3D□-5□W/9□EW series</p> 
<p>Green: A3D□-5□G/9□EG series</p> 	<p>Green: A3D□-5□G/9□EG series</p>  <p>Note) These pictures are image for reference.</p>

Note) By this modification, there is no change in characteristics and outline dimensions in part of the switch.

[Details of applicable model]

Models	Specification
A3DA-500GY	
A3DA-500R	
A3DA-500W	
A3DA-500Y	
A3DA-90A1-00EG	
A3DA-90A1-00ER	
A3DA-90A1-00EW	
A3DA-90A1-00EY	
A3DA-90B1-00EG	
A3DA-90B1-00ER	
A3DA-90B1-00EW	
A3DA-90B1-00EY	
A3DJ-500GY	
A3DJ-500R	
A3DJ-500W	
A3DJ-500Y	
A3DJ-90A1-00EG	
A3DJ-90A1-00ER	
A3DJ-90A1-00EW	
A3DJ-90A1-00EY	
A3DJ-90B1-00EG	
A3DJ-90B1-00ER	
A3DJ-90B1-00EW	
A3DJ-90B1-00EY	
A3DT-500GY	
A3DT-500R	
A3DT-500W	
A3DT-500Y	
A3DT-90A1-00EG	
A3DT-90A1-00ER	
A3DT-90A1-00EW	
A3DT-90A1-00EY	
A3DT-90B1-00EG	
A3DT-90B1-00ER	
A3DT-90B1-00EW	
A3DT-90B1-00EY	

Specifications in this product news are as of the issue date and are subject to change without notice. Only main changes in specifications are described in this document. Please be sure to read the relevant catalogs, datasheets, product specifications, instructions, and manuals for precautions and necessary information when using products.