

## Modifications Notices

Pushbutton Switches/Indicators

Issue Date  
May 15th, 2019

No. 2019110AE(ON)

### Modification Notice of Push button lightness of Indicator (Cylindrical 8-dia.) M2D series due to parts discontinuation

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#### [ Effective Date ]

Effective as of our production in January, 2020

#### [ Applicable Model ]

Model M2D□-5 series

Model M2D□-9 series

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

#### [ Reason for change ]

For LED parts discontinuation of production

#### [ Change of products specification ]






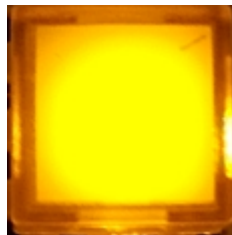

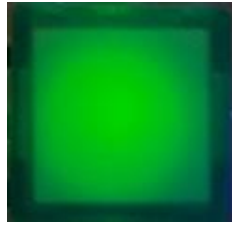
Necessary



[ Changes ]

Before the change			After the change		
<b>Specifications of built-in LED Lamp</b>			<b>Specifications of built-in LED Lamp</b>		
Red: M2D□-5□R/9□ER series			Red: M2D□-5□R/9□ER series		
Change point: $V_F$ , PD, $V_R$			Change point: $V_F$ , PD, $V_R$		
		Rating			Rating
Forward voltage, $V_F$	Reference value(V)	1.7	Forward voltage, $V_F$	Reference value(V)	1.8
	Maximum value(V)	2.0		Maximum value(V)	2.1
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, PD	Absolute maximum value(mW)	100	Permissible dissipation, PD	Absolute maximum value(mW)	105
Reverse voltage, $V_R$	Absolute maximum value(V)	4	Reverse voltage, $V_R$	Absolute maximum value(V)	5
Yellow: M2D□-5□Y/9□EY series White: M2D□-5□W/9□EW series			Yellow: M2D□-5□Y/9□EY series White: M2D□-5□W/9□EW series		
Change point: $V_F$ , $I_F$ (Absolute maximum value), PD, $V_R$			Change point: $V_F$ , $I_F$ (Absolute maximum value), PD, $V_R$		
		Rating			Rating
Forward voltage, $V_F$	Reference value(V)	2.2	Forward voltage, $V_F$	Reference value(V)	2.05
	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, PD	Absolute maximum value(mW)	125	Permissible dissipation, PD	Absolute maximum value(mW)	72
Reverse voltage, $V_R$	Absolute maximum value(V)	4	Reverse voltage, $V_R$	Absolute maximum value(V)	5
Green: M2D□-5□G/9□EG series			Green: M2D□-5□G/9□EG series		
Change point: $V_F$ , $I_F$ (Absolute maximum value), PD, $V_R$			Change point: $V_F$ , $I_F$ (Absolute maximum value), PD, $V_R$		
		Rating			Rating
Forward voltage, $V_F$	Reference value(V)	2.1	Forward voltage, $V_F$	Reference value(V)	2.2
	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, PD	Absolute maximum value(mW)	125	Permissible dissipation, PD	Absolute maximum value(mW)	72
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><b>Illumination lightness of display</b></p> <p>Red: M2D□-5□R/9□ER series</p>  <p>Yellow: M2D□-5□Y/9□EY series</p>  <p>White: M2D□-5□W/9□EW series</p>  <p>Green: M2D□-5□G/9□EG series</p> 	<p><b>Illumination lightness of display</b></p> <p>Red: M2D□-5□R/9□ER series</p>  <p>Yellow: M2D□-5□Y/9□EY series</p>  <p>White: M2D□-5□W/9□EW series</p>  <p>Green: M2D□-5□G/9□EG series</p>  <p>Note) These pictures are image for reference.</p>

[ Details of applicable model ]

Models	Specification
M2DA-500GY	
M2DA-500R	
M2DA-500W	
M2DA-500Y	
M2DA-90A1-00EG	
M2DA-90A1-00ER	
M2DA-90A1-00EW	
M2DA-90A1-00EY	
M2DJ-500GY	

<b>Models</b>	<b>Specification</b>
M2DJ-500R	
M2DJ-500W	
M2DJ-500Y	
M2DJ-90A1-00EG	
M2DJ-90A1-00ER	
M2DJ-90A1-00EW	
M2DJ-90A1-00EY	
M2DT-500GY	
M2DT-500R	
M2DT-500W	
M2DT-500Y	
M2DT-90A1-00EG	
M2DT-90A1-00ER	
M2DT-90A1-00EW	
M2DT-90A1-00EY	

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.