

Specification Change Notice

Super CH Series Lighted Pushbutton Switch [LED]

We would like to inform you that specification of LED will be changed after October 1, 2013.

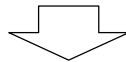
LED (Super White) will be changed after May 1, 2013.

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

LED colors: Red(70) Green(80) Yellow(90) Super White(16)

●EXTERNAL RESISTOR ★13.2mm Square Button Before Change

Square	Full-Face, Dual-Color						Split-Face						Full-Face						Split-Face								
	DC5V			DC12·24V			DC5V			DC12·24V			DC5V			DC12·24V			DC5V			DC12·24V					
	R	G	Y	R	G	Y	R	G	Y	R	G	Y	SB	SW	SG	SB	SW	SG	SB	SW	SG	SB	SW	SG			
Max operating current IFM(mA)	20	20	20	20	20	20	20	20	20	20	20	20	40	40	40	20	20	20	20	20	20	20	20	20	20	20	20
DC reverse voltage VR(V)	8	8	8	8	8	8	4	4	4	4	4	4	5	5	5	10	10	10	5	5	5	5	5	5	5	5	5
Forward voltage VF(V)	4	4	4	4	4	4	2	2	2	2	2	2	2.9	2.9	3.1	5.8	5.8	6.2	2.9	2.9	3.1	2.9	2.9	3.1	2.9	2.9	3.1
Recommended operating current IF(mA)	13	13	13	10	10	10	13	13	13	10	10	10	30	21	15	15	11	8	15	11	8	10	8	5	10	8	5



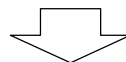
Please be sure to use the appropriate resistor.

After Change

Square	Full-Face, Dual-Color						Split-Face						Full-Face						Split-Face								
	DC5V			DC12·24V			DC5V			DC12·24V			DC5V			DC12·24V			DC5V			DC12·24V					
	R	G	Y	R	G	Y	R	G	Y	R	G	Y	SB	SW	SG	SB	SW	SG	SB	SW	SG	SB	SW	SG	SB	SW	SG
Max operating current IFM(mA)	20	20	20	20	20	20	20	20	20	20	20	20	40	40	40	20	20	20	20	20	20	20	20	20	20	20	20
DC reverse voltage VR(V)	8	8	8	8	8	8	4	4	4	4	4	4	5	5	5	10	10	10	5	5	5	5	5	5	5	5	5
Forward voltage VF(V)	4	4	4	4	4	4	2	2	2	2	2	2	2.9	2.9	3.1	5.8	5.8	6.2	2.9	2.9	3.1	2.9	2.9	3.1	2.9	2.9	3.1
Recommended operating current IF(mA)	13	13	13	10	10	10	13	13	13	10	10	10	30	21	15	15	11	8	15	11	8	10	8	5	10	8	5

●EXTERNAL RESISTOR ★13.2×19.4mm Rect. Button Before Change

Rect.	Full-Face, Dual-Color						Split-Face						Full-Face						Split-Face								
	DC5V			DC12·24V			DC5V			DC12·24V			DC5V			DC12·24V			DC5V			DC12·24V					
	R	G	Y	R	G	Y	R	G	Y	R	G	Y	SB	SW	SG	SB	SW	SG	SB	SW	SG	SB	SW	SG	SB	SW	SG
Max operating current IFM(mA)	40	40	40	20	20	20	20	20	20	20	20	20	40	40	40	20	20	20	40	40	40	20	20	20	20	20	20
DC reverse voltage VR(V)	8	8	8	16	16	16	8	8	8	8	8	8	5	5	5	10	10	10	5	5	5	10	10	10	5	5	5
Forward voltage VF(V)	4	4	4	8	8	8	4	4	4	4	4	4	2.9	2.9	3.1	5.8	5.8	6.2	2.9	2.9	3.1	5.8	5.8	6.2	2.9	2.9	3.1
Recommended operating current IF(mA)	25	25	25	10	10	10	13	13	13	10	10	10	30	21	15	15	11	8	15	21	15	10	8	5	10	8	5



Please be sure to use the appropriate resistor.

After Change

Rect.	Full-Face, Dual-Color						Split-Face						Full-Face						Split-Face								
	DC5V			DC12·24V			DC5V			DC12·24V			DC5V			DC12·24V			DC5V			DC12·24V					
	R	G	Y	R	G	Y	R	G	Y	R	G	Y	SB	SW	SG	SB	SW	SG	SB	SW	SG	SB	SW	SG	SB	SW	SG
Max operating current IFM(mA)	40	40	40	20	20	20	20	20	20	20	20	20	40	40	40	20	20	20	40	40	40	20	20	20	20	20	20
DC reverse voltage VR(V)	8	8	8	16	16	16	8	8	8	8	8	8	5	5	5	10	10	10	5	5	5	10	10	10	5	5	5
Forward voltage VF(V)	4	4	4	7	8	7	4	4	4	4	4	4	2.9	2.9	3.1	5.8	5.8	6.2	2.9	2.9	3.1	5.8	5.8	6.2	2.9	2.9	3.1
Recommended operating current IF(mA)	25	25	25	10	10	10	13	13	13	10	10	10	30	21	15	15	11	8	15	21	15	10	8	5	10	8	5