

# NKK Low Profile Pushbutton Switches

## Bright LEDs

LED Specifications	Color		
	Red	Amber	Green
Forward peak current	30mA	30mA	25mA
Cont. forward current	20mA	20mA	20mA
Forward voltage	1.85V	2V	2.1V
Reverse peak voltage	5V	5V	5V
Cmnt. reduction rate above 25°C	0.40mA/°C	0.42mA/°C	0.46mA/°C
Ambient temp. range	-25°C ~ +50°C		

## UB Series Super Bright LEDs

LED Specifications	Color		
	White	Green	Blue
Forward peak current	25mA	25mA	25mA
Cont. forward current	20mA	20mA	20mA
Forward voltage	3.8V	3.8V	3.8V
Reverse peak voltage	5V	5V	5V
Cmnt. reduction rate above 25°C	0.47mA/°C	0.47mA/°C	0.47mA/°C
Ambient temp. range	-25°C ~ +50°C		

## UB2 Series Super Bright LEDs

LED Specifications	Color			
	White	Green	Blue	Red/Green
Forward peak current	25mA	25mA	25mA	30/25mA
Cont. forward current	20mA	20mA	20mA	20/20mA
Forward voltage	3.6V	3.5V	3.6V	2.1/3.5V
Reverse peak voltage	5V	5V	5V	4/4V
Cmnt. reduction rate above 25°C	0.40mA/°C	0.40mA/°C	0.40mA/°C	0.40/0.33mA/°C
Ambient temp. range	-25°C ~ +50°C			

## NKK UB SERIES: LOW PROFILE ILLUMINATED PUSHBUTTONS

### Specifications:

- Contacts & ratings: Silver 5A @ 125/250VAC
- Full face and spot illumination caps

- Bright and super bright LEDs
- Solder lug



RoHS Compliant

\* Spot Illumination

For quantities of 100 and up, call for quote.

MOUSER STOCK NO.	NKK Part No.	Fig.	Circuit ( ) = Momentary	Colors			Price Each		
				LED	Cap	Diffuser	1	25	50
633-UB15KKW015CJC-RO	UB15KKW015C-JC-RO	A	SPDT On-(On)	Bright Red	Clear	Red			
633-UB15KKW015DJD-RO	UB15KKW015D-JD-RO	A	SPDT On-(On)	Bright Amber	Clear	Amber			
633-UB15KKW015FJF-RO	UB15KKW015F-JF-RO	A	SPDT On-(On)	Bright Green	Clear	Green			
633-UB15KKW015CCC-RO	UB15KKW015C-CC-RO	A	SPDT On-(On)	Bright Red	Red	Red			
633-UB15KKW015DDD-RO	UB15KKW015D-DD-RO	A	SPDT On-(On)	Bright Amber	Amber	Amber			
633-UB15KKW015FFF-RO	UB15KKW015F-FF-RO	A	SPDT On-(On)	Bright Green	Green	Green			
633-UB15KKW015CAB-RO	UB15KKW015C-AB-RO	A	SPDT On-(On)	Bright Red	Black	Red*			
633-UB15KKW015DAB-RO	UB15KKW015D-AB-RO	A	SPDT On-(On)	Bright Amber	Black	Amber*			
633-UB15KKW015FAB-RO	UB15KKW015F-AB-RO	A	SPDT On-(On)	Bright Green	Black	Green*			
633-UB16KKW015CJC-RO	UB16KKW015C-JC-RO	A	SPDT On-On	Bright Red	Clear	Red			
633-UB16KKW015DJD-RO	UB16KKW015D-JD-RO	A	SPDT On-On	Bright Amber	Clear	Amber			
633-UB16KKW015FJF-RO	UB16KKW015F-JF-RO	A	SPDT On-On	Bright Green	Clear	Green			
633-UB16KKW015CCC-RO	UB16KKW015C-CC-RO	A	SPDT On-On	Bright Red	Red	Red			
633-UB16KKW015DDD-RO	UB16KKW015D-DD-RO	A	SPDT On-On	Bright Amber	Amber	Amber			
633-UB16KKW015FFF-RO	UB16KKW015F-FF-RO	A	SPDT On-On	Bright Green	Green	Green			
633-UB16KKW015CAB-RO	UB16KKW015C-AB-RO	A	SPDT On-On	Bright Red	Black	Red*			
633-UB16KKW015FAB-RO	UB16KKW015F-AB-RO	A	SPDT On-On	Bright Green	Black	Green*			
633-25KKW015CJC-RO	UB25KKW015C-JC-RO	A	DPDT On-(On)	Bright Red	Clear	Red			
633-25KKW015FJF-RO	UB25KKW015F-JF-RO	A	DPDT On-(On)	Bright Green	Clear	Green			
633-25KKW015CCC-RO	UB25KKW015C-CC-RO	A	DPDT On-(On)	Bright Red	Red	Red			
633-25KKW015DDD-RO	UB25KKW015D-DD-RO	A	DPDT On-(On)	Bright Amber	Amber	Amber			
633-25KKW015FFF-RO	UB25KKW015F-FF-RO	A	DPDT On-(On)	Bright Green	Green	Green			
633-UB26KKW015FJF-RO	UB26KKW015F-JF-RO	A	DPDT On-On	Bright Green	Clear	Green			
633-UB26KKW015CCC-RO	UB26KKW015C-CC-RO	A	DPDT On-On	Bright Red	Red	Red			
633-UB26KKW015F-RO	UB26KKW015F-FF-RO	A	DPDT On-On	Bright Green	Green	Green			
633-UB26KKW015CAB-RO	UB26KKW015C-AB-RO	A	DPDT On-On	Bright Red	Black	Red*			
633-UB26KKW015DAB-RO	UB26KKW015D-AB-RO	A	DPDT On-On	Bright Amber	Black	Amber*			
633-UB2615FAB-RO	UB26KKW015F-AB-RO	A	DPDT On-On	Bright Green	Black	Green*			
633-UB15KKW016B-JB	UB15KKW016B-JB	A	SPDT On-(On)	Super Bright White	Clear	White			
633-UB15KKW016F-JB	UB15KKW016F-JB	A	SPDT On-(On)	Super Bright Green	Clear	White			
633-UB15KKW016G-JB	UB15KKW016G-JB	A	SPDT On-(On)	Super Bright Blue	Clear	White			
633-UB16KKW016G-JB	UB16KKW016G-JB	A	SPDT On-On	Super Bright Blue	Clear	White			
633-UB25KKW016B-JB	UB25KKW016B-JB	A	DPDT On-(On)	Super Bright White	Clear	White			
633-UB26KKW016G-JB	UB26KKW016G-JB	A	DPDT On-On	Super Bright Blue	Clear	White			

**DIMENSIONS: in.**

Transparent Cap  
Colored Diffuser  
Black w/Spot Illumination

## NKK UB2 SERIES: LOW PROFILE ILLUMINATED PUSHBUTTONS

### Specifications:

- Contacts & ratings: Silver 5A @ 125/250VAC
- Sculptured caps

- Bright and super bright LEDs
- Solder lug



RoHS Compliant

For quantities of 100 and up, call for quote.

MOUSER STOCK NO.	NKK Part No.	Fig.	Circuit ( ) = Momentary	Colors			Price Each		
				LED	Cap	Diffuser	1	25	50
633-215KKW015C-1JB	UB215KKW015C-1JB-RO	B	SPDT On-(On)	Bright Red	Clear	White			
633-215KKW015D-1JB-RO	UB215KKW015D-1JB-RO	B	SPDT On-(On)	Bright Amber	Clear	White			
633-215KKW015F-1JB-RO	UB215KKW015F-1JB-RO	B	SPDT On-(On)	Bright Green	Clear	White			
633-215KKW015C-1JC-RO	UB215KKW015C-1JC-RO	B	SPDT On-(On)	Bright Red	Clear	Red			
633-215KKW015D-1JD-RO	UB215KKW015D-1JD-RO	B	SPDT On-(On)	Bright Amber	Clear	Amber			
633-215KKW015F-1JF-RO	UB215KKW015F-1JF-RO	B	SPDT On-(On)	Bright Green	Clear	Green			
633-215KKW016CF-1JB	UB215KKW016CF-1JB	B	SPDT On-(On)	Super Bright R/G	Clear	White			
633-216KKW015C-1JB-RO	UB216KKW015C-1JB-RO	B	SPDT On-On	Bright Red	Clear	White			
633-216KKW015F-1JB-RO	UB216KKW015F-1JB-RO	B	SPDT On-On	Bright Green	Clear	White			
633-216KKW015C-1JC-RO	UB216KKW015C-1JC-RO	B	SPDT On-On	Bright Red	Clear	Red			
633-216KKW015D-1JD-RO	UB216KKW015D-1JD-RO	B	SPDT On-On	Bright Amber	Clear	Amber			
633-225KKW015C-1JB-RO	UB225KKW015C-1JB-RO	B	DPDT On-(On)	Bright Red	Clear	White			
633-225KKW015F-1JB-RO	UB225KKW015F-1JB-RO	B	DPDT On-(On)	Bright Green	Clear	White			
633-225KKW015F-1JF-RO	UB225KKW015F-1JF-RO	B	DPDT On-(On)	Bright Green	Clear	Green			
633-226KKW015C-1JB-RO	UB226KKW015C-1JB-RO	B	DPDT On-On	Bright Red	Clear	White			
633-226KKW015D-1JB-RO	UB226KKW015D-1JB-RO	B	DPDT On-On	Bright Amber	Clear	White			
633-226KKW015F-1JB-RO	UB226KKW015F-1JB-RO	B	DPDT On-On	Bright Green	Clear	White			
633-226KKW015C-1JC-RO	UB226KKW015C-1JC-RO	B	DPDT On-On	Bright Red	Clear	Red			
633-226KKW015D-1JD-RO	UB226KKW015D-1JD-RO	B	DPDT On-On	Bright Amber	Clear	Amber			
633-226KKW015F-1JF-RO	UB226KKW015F-1JF-RO	B	DPDT On-On	Bright Green	Clear	Green			
633-215KKW016B-1JB-RO	UB215KKW016B-1JB-RO	B	SPDT On-(On)	Super Bright White	Clear	White			
633-215KKW016G-1JB-RO	UB215KKW016G-1JB-RO	B	SPDT On-(On)	Super Bright Blue	Clear	White			
633-216KKW016B-1JB-RO	UB216KKW016B-1JB-RO	B	SPDT On-On	Super Bright White	Clear	White			
633-216KKW016G-1JB-RO	UB216KKW016G-1JB-RO	B	SPDT On-On	Super Bright Blue	Clear	White			
633-226KKW016B-1JB-RO	UB226KKW016B-1JB-RO	B	DPDT On-On	Super Bright White	Clear	White			
633-226KKW016F-1JB-RO	UB226KKW016F-1JB-RO	B	DPDT On-On	Super Bright Green	Clear	White			
633-226KKW016G-1JB-RO	UB226KKW016G-1JB-RO	B	DPDT On-On	Super Bright Blue	Clear	White			

**DIMENSIONS: in.**

Clear Lens  
Colored Diffuser