

NKK Low Profile Pushbutton Switches

RoHS Compliant This product is RoHS compliant.



NKK NP01 SERIES: SUBMINIATURE SMOOTH ACTUATION PUSHBUTTONS

Specifications:

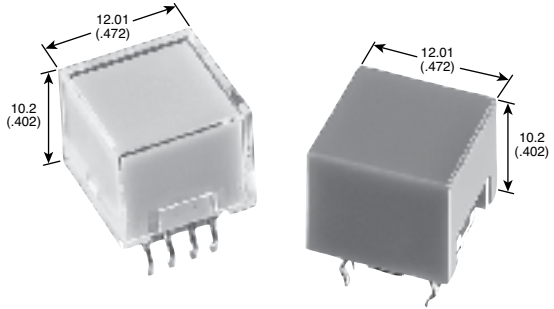
- Soft touch actuation achieved by mechanical silicon rubber structure (patent pending)
- Available in both high (2.5N) or standard (1.5N) operating force
- Non illuminated models available



RoHS Compliant

Single Color LED			
Color	Red	Amber	Green
Forward Peak Current	50mA	50mA	30mA
Continuous Forward Current	20mA	20mA	20mA
Forward Voltage	2.0V	2.1V	3.5V
Reserves Peak Voltage	5V	5V	5V
Current Reduction Rate	0.88mA/°C above 40°C	0.88mA/°C above 40°C	0.88mA/°C above 30°C
Ambient Temperature Range	-25°C ~ +50°C		

Bicolor LED		
Color	Red	Green
Forward Peak Current	50mA	30mA
Continuous Forward Current	20mA	20mA
Forward Voltage	2.0V	3.5V
Reserves Peak Voltage	5V	5V
Current Reduction Rate	0.88mA/°C above 40°C	0.48mA/°C above 30°C
Ambient Temperature Range	-25°C ~ +50°C	



DIMENSIONS: mm (in.)

For quantities of 100 and up, call for quote.

MOUSER STOCK NO.	NKK Part No.	Circuit (=Momentary)	Contact Material/Terminal Type	LED Color	Alternating Legends	Lens Color/Diffuser Color	Operating Force	Price Each		
								1	25	50
633-NP0115AG03LC-JC	NP0115AG03LC-JC	SPST OFF (ON)	Gold/PC	Red	-	Clear/Red	Standard			
633-NP0115AG03LCF-JB	NP0115AG03LCF-JB	SPST OFF (ON)	Gold/PC	White	-	Clear/White	Standard			
633-NP0115AG03LCFJ01	NP0115AG03LCF-J01	SPST OFF (ON)	Gold/PC	Red/Green	ON/OFF	Clear/White	Standard			
633-NP0115AG03LCFJ02	NP0115AG03LCF-J02	SPST OFF (ON)	Gold/PC	Red/Green	START/STOP	Clear/White	Standard			
633-NP0115AG03LCFJ04	NP0115AG03LCF-J04	SPST OFF (ON)	Gold/PC	Red/Green	OPEN/CLOSE	Clear/White	Standard			
633-NP0115AG03LD-JD	NP0115AG03LD-JD	SPST OFF (ON)	Gold/PC	Amber	-	Clear/Amber	Standard			
633-NP0115AG03LF-JF	NP0115AG03LF-JF	SPST OFF (ON)	Gold/PC	Green	-	Clear/Green	Standard			
633-NP0115AG03NN-A	NP0115AG03NN-A	SPST OFF (ON)	Gold/PC	None	-	Black	Standard			
633-NP0115AG03NN-B	NP0115AG03NN-B	SPST OFF (ON)	Gold/PC	None	-	White	Standard			
633-NP0115AG03NN-C	NP0115AG03NN-C	SPST OFF (ON)	Gold/PC	None	-	Red	Standard			
633-NP0115AG03NN-H	NP0115AG03NN-H	SPST OFF (ON)	Gold/PC	None	-	Gray	Standard			
633-NP0115HG03LC-JC	NP0115HG03LC-JC	SPST OFF (ON)	Gold/PC	Red	-	Clear/Red	High			
633-NP0115HG03LCF-JB	NP0115HG03LCF-JB	SPST OFF (ON)	Gold/PC	Red/Green	-	Clear/White	High			
633-NP0115HG03LCFJ01	NP0115HG03LCF-J01	SPST OFF (ON)	Gold/PC	Red/Green	ON/OFF	Clear/White	High			
633-NP0115HG03LCFJ02	NP0115HG03LCF-J02	SPST OFF (ON)	Gold/PC	Red/Green	START/STOP	Clear/White	High			
633-NP0115HG03LCFJ04	NP0115HG03LCF-J04	SPST OFF (ON)	Gold/PC	Red/Green	OPEN/CLOSE	Clear/White	High			
633-NP0115HG03LD-JD	NP0115HG03LD-JD	SPST OFF (ON)	Gold/PC	Amber	-	Clear/Amber	High			
633-NP0115HG03LF-JF	NP0115HG03LF-JF	SPST OFF (ON)	Gold/PC	Green	-	Clear/Green	High			
633-NP0115HG03NN-A	NP0115HG03NN-A	SPST OFF (ON)	Gold/PC	None	-	Black	High			
633-NP0115HG03NN-B	NP0115HG03NN-B	SPST OFF (ON)	Gold/PC	None	-	White	High			
633-NP0115HG03NN-C	NP0115HG03NN-C	SPST OFF (ON)	Gold/PC	None	-	Red	High			
633-NP0115HG03NN-H	NP0115HG03NN-H	SPST OFF (ON)	Gold/PC	None	-	Gray	High			

Pushbutton Switches NKK

NKK KP SERIES: MINIATURE AUDIO/VIDEO PUSHBUTTONS

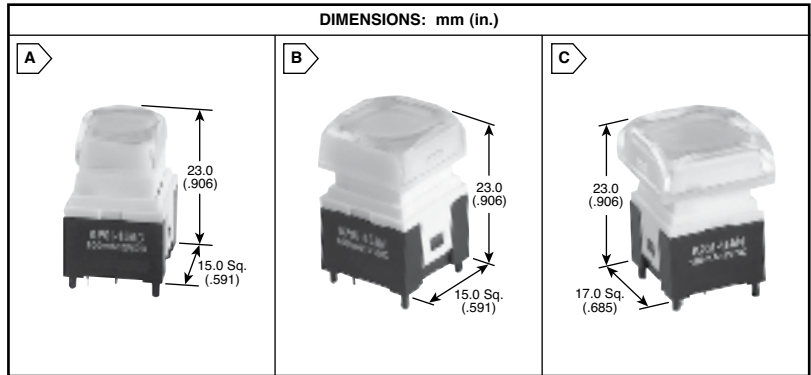
Specifications:

- OFF - momentary ON
- PC mount
- Clear lens with white diffuser
- Red/green bicolor LED
- 100mA maximum @ 12VDC



RoHS Compliant

Bicolor LED Specifications		Red	Green
Minimum luminous intensity	30mcd		50mcd
Standard luminous intensity	60mcd		115mcd
Forward peak current	30mA (25 for amber)		30mA (25 for amber)
Continuous forward current	20mA		20mA
Forward voltage	2.1V		3.5V
Power peak dissipation	75mW		100mW
Reverse peak voltage	4V		4V
Wavelength at peak emission	619 ~ 630nm		520 ~ 535nm
Current reduction rate above 25°C	.38mA/°C		0.32mA/°C
Ambient temperature range	-25 ~ +50°C		



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MOUSER STOCK NO.	NKK Part No.	Fig.	Actuation Style	Cap Size	Cap Type	Price Each		
						1	25	50
633-KP0115-1FJB	KP0115ACAKG03CF-1FJB	A	Tactile	12mm Square	Flat			
633-ACAKG03CF-1SJB	KP0115ACAKG03CF-1SJB	A	Tactile	12mm Square	Sculptured			
633-ACAKG03CF-1TJB	KP0115ACAKG03CF-1TJB	A	Tactile	12mm Square	Home Key			
633-ANAKG03CF-1FJB	KP0115ANAKG03CF-1FJB	A	Nontactile	12mm Square	Flat			
633-ANAKG03CF-1SJB	KP0115ANAKG03CF-1SJB	A	Nontactile	12mm Square	Sculptured			
633-ANAKG03CF-1TJB	KP0115ANAKG03CF-1TJB	A	Nontactile	12mm Square	Home Key			
633-ACBKG03CF-2FJB	KP0115ACBKG03CF-2FJB	B	Tactile	15mm Square	Flat			
633-KP0115ACBKG32SJB	KP0115ACBKG03CF-2SJB	B	Tactile	15mm Square	Sculptured			
633-ACBKG03CF-2TJB	KP0115ACBKG03CF-2TJB	B	Tactile	15mm Square	Home Key			
633-KP0115ANBK-2FJB	KP0115ANBKG03CF-2FJB	B	Nontactile	15mm Square	Flat			
633-KP0115ANBK-2SJB	KP0115ANBKG03CF-2SJB	B	Nontactile	15mm Square	Sculptured			
633-ANBKG03CF-2TJB	KP0115ANBKG03CF-2TJB	B	Nontactile	15mm Square	Home Key			
633-ACBKG03CF-3FJB	KP0115ACBKG03CF-3FJB	C	Tactile	17.4mm Square	Flat			
633-KP0115ACBKG33SJB	KP0115ACBKG03CF-3SJB	C	Tactile	17.4mm Square	Sculptured			
633-ACBKG03CF-3TJB	KP0115ACBKG03CF-3TJB	C	Tactile	17.4mm Square	Home Key			
633-KP115ANBKG3	KP0115ANBKG03CF-3FJB	C	Nontactile	17.4mm Square	Flat			
633-KP0115ANBK-3SJB	KP0115ANBKG03CF-3SJB	C	Nontactile	17.4mm Square	Sculptured			
633-ANBKG03CF-3TJB	KP0115ANBKG03CF-3TJB	C	Nontactile	17.4mm Square	Home Key			