

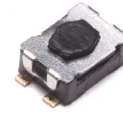
# KMR 6 Series Microminiature SMT Top Actuated IP67

## Features/Benefits

- Watertight IP67
- Standard and long life versions
- No ground pin
- Ultra low current capabilities
- Excellent tactile feel

## Typical Applications

- Automotive
- Medical
- Consumer
- Industrial



Tactile Switches

## Specification

FUNCTION: momentary action  
CONTACT ARRANGEMENT: 1 make contact = SPST, N.O.  
TERMINALS: Gullwing type for SMT

## Mechanical

Type NG See description below	Operating force N (grs)	Operating life (cycles)	Travel (mm)
KMR611NG LFS	1.2 (120) ± 0.30	200,000	0.20 mm ± 0.1
KMR611NG ULC LFS	1.2 (120) ± 0.30	200,000	0.20 mm ± 0.1
KMR613NG LFG	1.2 (120) ± 0.30	200,000	0.20 mm ± 0.1
KMR613NG ULC LFG	1.2 (120) ± 0.30	200,000	0.20 mm ± 0.1
KMR621NG LFS	2.0 (200) ± 0.50	200,000	0.25 mm ± 0.1
KMR621NG ULC LFS	2.0 (200) ± 0.50	200,000	0.25 mm ± 0.1
KMR623NG LFG	2.0 (200) ± 0.50	200,000	0.25 mm ± 0.1
KMR623NG ULC LFG	2.0 (200) ± 0.50	200,000	0.25 mm ± 0.1
KMR631NG LFS	3.0 (300) ± 0.75	150,000	0.25 mm ± 0.1
KMR631NG ULC LFS	3.0 (300) ± 0.75	150,000	0.25 mm ± 0.1
KMR632NG LFS	3.0 (300) ± 0.75	300,000	0.25 mm ± 0.1
KMR632NG ULC LFS	3.0 (300) ± 0.75	300,000	0.25 mm ± 0.1
KMR633NG LFG	3.0 (300) ± 0.75	150,000	0.25 mm ± 0.1
KMR633NG ULC LFG	3.0 (300) ± 0.75	150,000	0.25 mm ± 0.1
KMR641NG LFS	4.0 (400) ± 1.00	100,000	0.30 mm ± 0.1
KMR641NG ULC LFS	4.0 (400) ± 1.00	100,000	0.30 mm ± 0.1
KMR642NG LFS	4.0 (400) ± 1.00	200,000	0.30 mm ± 0.1
KMR642NG ULC LFS	4.0 (400) ± 1.00	200,000	0.30 mm ± 0.1
KMR643NG LFG	4.0 (400) ± 1.00	100,000	0.30 mm ± 0.1
KMR643NG ULC LFG	4.0 (400) ± 1.00	100,000	0.30 mm ± 0.1

## Electrical

	Silver	Gold
MAXIMUM POWER:	1 VA	0.2 VA
MAXIMUM VOLTAGE:	32 VDC	32 VDC
MINIMUM VOLTAGE:	20 mVDC	20 mVDC
MAXIMUM CURRENT:	50 mA	10 mA
MINIMUM CURRENT:	1 mA*	1 mA*
DIELECTRIC STRENGTH:	≥ 250 Vrms	
CONTACT RESISTANCE:	≤ 100 mΩ	
INSULATION RESISTANCE:	≥ 1GΩ	
BOUNCE TIME:	≤ 3 ms	

\*For ULC version minimum current is 1µA at 1.8 VDC

## Environmental

	Silver	Gold
OPERATING TEMPERATURE:	-40°C to 85°C	-40°C to 125°C
STORAGE TEMPERATURE:	-55°C to 85°C	-55°C to 125°C

## Process

Infrared Reflow Soldering in accordance with IEC61760-1

## Packaging

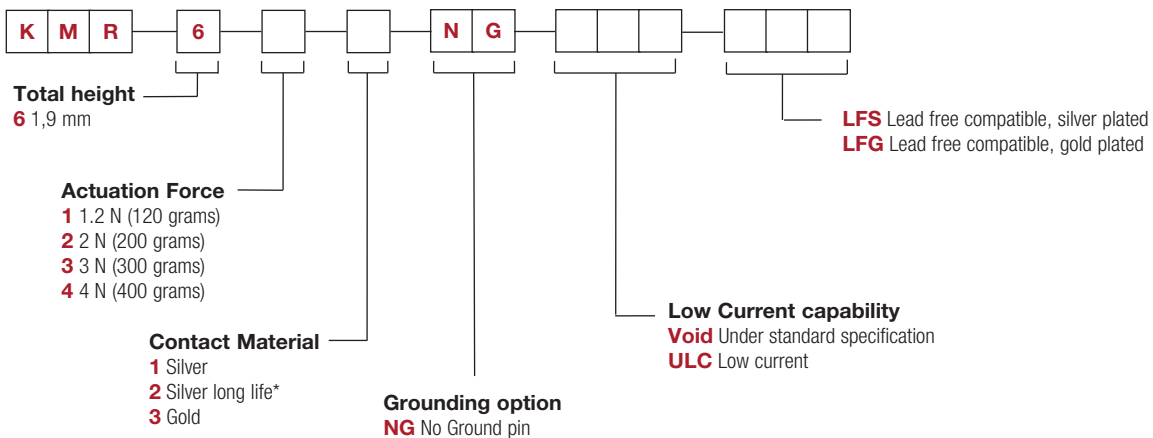
In reels of 7,000 pieces  
External diameter 330 mm ± 2 mm

**NOTE:** Specifications listed above are for switches with standard options.  
For information on specific and custom switches, consult Customer Service Center.

TACTILE FEELING: KMR 6 series with actuation force in 2N - 3N - 4N: ≥ 30%  
KMR 6 series with actuation force in 1.2N: ≥ 20%

## Part Number Description

For any part number different from those listed above, please consult your local representative.



\* Silver long life is available in 3N and 4N actuation force. For other versions, please contact Customer Service.



Dimensions are shown: mm  
Specifications and dimensions subject to change



## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [c&k manufacturer](#):*

Other Similar products are found below :

[ESMK1215NCL130](#) [QS1 KQS1 BK S C 773302263](#) [473202000](#) [479603000](#) [4151](#) [SERU AU BRAUN](#) [7101J50V5QE2](#) [7101K2CWZBE](#)  
[7101MD9ABE2](#) [7101SDV7QE](#) [7101SDZBE2](#) [7103T1CWV3GE](#) [7105K2CWZQE](#) [7105TCWZBES](#) [7108J2ZQE1](#) [7201TCWCBE](#)  
[7203MCWCQE](#) [7203T1ZQE](#) [7207SYCBE](#) [7208L41YZQE](#) [7211SPY3AV2SE2](#) [7215J1AV2BE2](#) [7215JBV6BE](#) [7215L3YZQE](#)  
[ET05LD1AGE](#) [ET05MD1AVBE](#) [7401J3ZQE3](#) [7405MHZBE](#) [7411J3ZQE1](#) [752708000](#) [FA0115RN02Q](#) [8161LHZ3QE22](#) [8161LHZQE2](#)  
[FLT 2U EE 01A](#) [MMGGF5L0T](#) [MP01R133CBE](#) [A10403RNZQE](#) [1.20123.0050000](#) [A11205RNZQ](#) [A20303RNCG](#) [A30415RSCG](#) [12TL402](#)  
[ADPFF3J04AW](#) [1.30070.0011002](#) [DM22J11S205PQ](#) [DT450T](#) [E101J3V31QE2](#) [E101JAAV2QE](#) [E201J11CQE32](#)