

# OMRON Basic Switches



This product is RoHS compliant.



## OMRON D2MQ SERIES: ULTRA SUBMINIATURE BASIC SWITCHES

### Specifications:

- Contact form: SPDT
- Mechanical life: 30,000 operations min.
- Contact gap: 0.15mm
- Use M1.4 mounting screws with screws to mount the switch.

### Features:

- Excels in electric characteristics with the snap-action mechanism despite superminiaturized design
- Gold-plated contacts for micro load switching available in addition to the standard silver-plated contacts



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For quantities of 500 and up, call for quote.

MOUSER STOCK NO.	Omron Part Number	Fig.	Actuator Type	Terminal Type	Contact Rating (max.)	Contact Material	Operating Force (max.)	Price Each			
								1	25	50	100
653-D2MQ-1	D2MQ-1	A	Pin plunger	Straight	0.5A @ 30 VDC	Silver-plated	120 gf				
653-D2MQ-1L	D2MQ-1L	A	Leaf lever	Straight	0.5A @ 30 VDC	Silver-plated	60 gf				
653-D2MQ-1L-TL	D2MQ-1L-TL	A	Leaf lever	Left angled	0.5A @ 30 VDC	Silver-plated	60 gf				
653-D2MQ-1L-TR	D2MQ-1L-TR	A	Leaf lever	Right angled	0.5A @ 30 VDC	Silver-plated	60 gf				
653-D2MQ-1-105	D2MQ-1-105	A	Pin plunger	Straight	50mA @ 30 VDC	Gold-plated	120 gf				
653-D2MQ-1L-105	D2MQ-1L-105	A	Leaf lever	Straight	50mA @ 30 VDC	Gold-plated	60 gf				

## OMRON SS-P SERIES: SUBMINIATURE BASIC SWITCHES

### Specifications:

- Contact Material: SS-3P - Silver alloy rivet; SS-01P - Gold alloy crossbar
- Contact Gap: 0.5mm

### Features:

- Insert molded case for enhanced resistance to flux
- Simple construction with single-leaf spring
- SS series compatible mounting



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MOUSER STOCK NO.	Omron Part Number	Fig.	Actuator Type	Contact Rating (max.)	Operating Force (max.)	Terminals	Price Each			
							1	25	50	100
653-SS-01GP	SS-01GP	B	Pin plunger	0.1A @ 30 VDC	150 gf	Solder				
653-SS-01GLP	SS-01GLP	B	Hinge lever	0.1A @ 30 VDC	50 gf	Solder				
653-SS-01GL13P	SS-01GL13P	B	Sim. roller lever	0.1A @ 30 VDC	50 gf	Solder				
653-SS-01GL13PT	SS-01GL13PT	C	Sim. roller lever	0.1A @ 30 VDC	50 gf	#110 QC				
653-SS-3GPB	SS-3GPB	D	Pin plunger	3A @ 125 VAC	150 gf	PCB even				
653-SS-3GLP	SS-3GLP	B	Hinge lever	3A @ 125 VAC	50 gf	Solder				
653-SS-3GLPB	SS-3GLPB	D	Hinge lever	3A @ 125 VAC	50 gf	PCB even				
653-SS-3GL13P	SS-3GL13P	B	Sim. roller lever	3A @ 125 VAC	50 gf	Solder				
653-SS-3GL13PD	SS-3GL13PD	E	Sim. roller lever	3A @ 125 VAC	51 gf	PCB uneven				
653-SS-5GL13	SS-5GL13	B	Sim. roller lever	5A @ 125 VAC	50 gf	Solder				
653-SS-5GL2D	SS-5GL2D	E	Hinge roller lever	5A @ 125 VAC	50 gf	PCB uneven				

## OMRON SS SERIES: SUBMINIATURE BASIC SWITCHES

### Specifications:

- Contact form: SPDT
- Contacts: SS-01 - Bifurcated crossbar; SS-5 and SS-10 - Standard rivets

### Features:

- Economical, subminiature basic switch offers long service life (30 million operations minimum for SS-10)
- All models are free from overtravel restrictions, permit easy setting



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MOUSER STOCK NO.	Omron Part Number	Fig.	Actuator Type	Contact Rating (max.)	Operating Force (max.)	Terminals	Price Each			
							1	25	50	100
653-SS-01	SS-01	F	Pin plunger	0.1A @ 30 VDC	150 gf	Solder				
653-SS-01FT	SS-01FT	G	Pin plunger	0.1A @ 30 VDC	50 gf	#110 QC				
653-SS-01D	SS-01D	H	Pin plunger	0.1A @ 30 VDC	150 gf	PCB				
653-SS-01GL	SS-01GL	F	Hinge lever	0.1A @ 30 VDC	50 gf	Solder				
653-SS-01GL13	SS-01GL13	F	Sim. roller lever	0.1A @ 30 VDC	50 gf	Solder				
653-SS-01-GL-F	SS-01-GL-F	F	Hinge lever	0.1A @ 30 VDC	16 gf	Solder				
653-SS-01GL2	SS-01GL2	G	Hinge roller lever	0.1A @ 30 VDC	50 gf	Solder				
653-SS-01GL2FD	SS-01GL2-FD	F	Hinge roller lever	0.1A @ 30 VDC	16 gf	PCB				
653-SS-5	SS-5	F	Pin plunger	5A @ 125 VAC	150 gf	Solder				
653-SS-5FT	SS-5FT	G	Pin plunger	5A @ 125 VAC	50 gf	#110 QC				
653-SS-5T	SS-5T	G	Pin plunger	5A @ 125 VAC	150 gf	#110 QC				
653-SS-5D	SS-5D	H	Pin plunger	5A @ 125 VAC	150 gf	PCB				
653-SS-5GL	SS-5GL	F	Hinge lever	5A @ 125 VAC	50 gf	Solder				
653-SS-5D2	SS-5D2	H	Pin plunger	5A @ 125 VAC	150 gf	PCB				
653-SS-5GLT	SS-5GLT	G	Hinge lever	5A @ 125 VAC	50 gf	#110 QC				
653-SS-5GLD	SS-5GLD	H	Hinge lever	5A @ 125 VAC	50 gf	PCB				
653-SS-5GL2	SS-5GL2	F	Hinge roller lever	5A @ 125 VAC	50 gf	Solder				
653-SS-5GL2T	SS-5GL2T	G	Hinge roller lever	5A @ 125 VAC	50 gf	#110 QC				
653-SS-5GL13T	SS-5GL13T	G	Sim. roller lever	5A @ 125 VAC	50 gf	#110 QC				
653-SS-5GL13D	SS-5GL13D	F	Sim. roller lever	5A @ 125 VAC	50 gf	PCB				
653-SS-5GL2-FT	SS-5GL2-FT	H	Hinge roller lever	5A @ 125 VAC	16 gf	#110 QC				
653-SS-5GL-F	SS-5GL-F	G	Hinge lever	5A @ 125 VAC	16 gf	Solder				
653-SS-10	SS-10	F	Pin plunger	10.1A @ 125 VAC	150 gf	Solder				
653-SS-10T	SS-10T	G	Pin plunger	10.1A @ 125 VAC	150 gf	#110 QC				
653-SS-10D	SS-10D	H	Pin plunger	10.1A @ 125 VAC	150 gf	PCB				
653-SS-10GL	SS-10GL	F	Hinge lever	10.1A @ 125 VAC	50 gf	Solder				
653-SS-10GLT	SS-10GLT	G	Hinge lever	10.1A @ 125 VAC	50 gf	#110 QC				
653-SS-10GL2	SS-10GL2	F	Hinge roller lever	10.1A @ 125 VAC	50 gf	Solder				
653-SS-10GL2T	SS-10GL2T	G	Hinge roller lever	10.1A @ 125 VAC	50 gf	#110 QC				
653-SS-10GL13T	SS-10GL13T	G	Sim. roller lever	10.1A @ 125 VAC	50 gf	#110 QC				

