MR(36°Step)

Miniature Rotary Switches



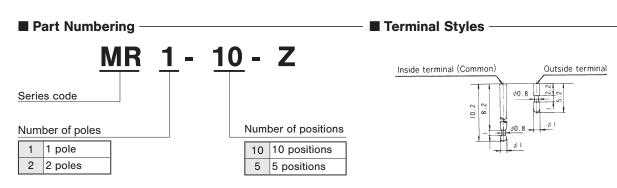
Features –

- 1. Resin (UL94V-0) which has excellent resistance to arc and heat, and superb insulation quality is employed.
- 2. The terminals are molded in to ensure the seal structure that completely prevents flux entry through the terminals.
- 3. Adoption of the wiping mechanism for the contacting area to ensure contacting stability and reliability.
- 4. The variable stopper is provided to allow free selection of the desired number of positions.

Specifications -

RoHS Compliant

Contact plating		Silver plated				
Max.		500 mA 125 VAC				
Rating	Min.	10 mA 5 VAC/DC				
Initial con	tact resistance	10 mΩ max.(1A 2~4 VDC)				
Dielectric strength		1,000 VAC 1minute				
Insulation resistance		100 MΩ min. (500 VDC)			
Electrical life		10,000 cycles				
Operating force		9.8 N•cm max.				
Stopper s	trength	19.6 N•cm				
Operating temperature range		-20~+85°C				
Storage temperature range		-40~+85°C				



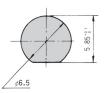
Standard Accessories -

			«s	upplied with switch》
Part name	Hex Nut	Lockwasher	Locking Ring	Stopper
Part No.	140008010241	140008030051	140008020066	140000600357
Dimensions	1/4 ⁻⁴⁰ THD	6.6 t=0.5		
Plating	Nickel plated	Zinc plated	Zinc	plated

Panel Cut-Out Dimensions

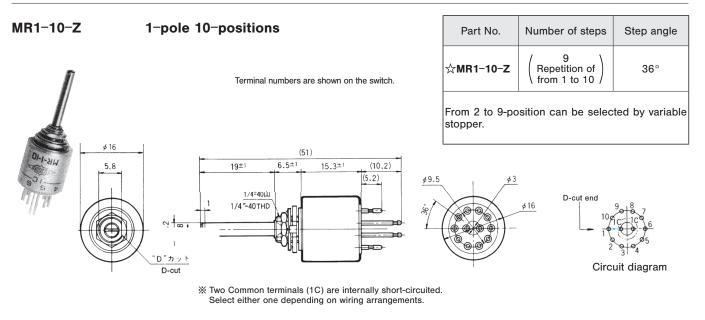
Panel thickness : 2 mm max.







Without Locking Ring

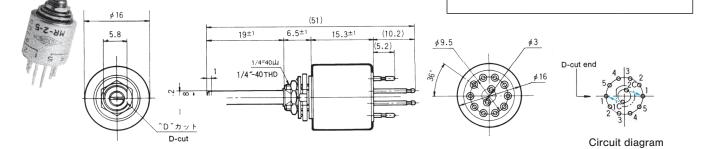


MR2-5-Z 2-poles 5-positions

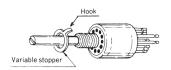
Terminal numbers are shown on the switch.

Part No.	Number of steps	Step angle			
☆MR2-5-Z	(4 Repetition of from 1 to 5	36°			
From 2 to 4-position can be selected by variable					

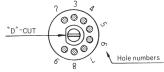
stopper.



How to Use Variable Stopper



 The required number of positions can be obtained by fully turning the shaft in the counter-clockwise direction and inserting the stopper hook into the select hole of the desired contact number.



[Example]

Select Hole No. 5 to set 5 positions with MR1-10-Z. Select Hole No. 3 to set 3 positions with MR2-5-Z.

- 2. Do not use the variable stopper when all contacts are used.
- Optional Accessories -

1		-			Sold separately	
Part Name		Кпор				
	Fait Name	FB type		FN type		
	Dimensions		30	13 7.1 2-M4X	Pudicator Line	
	Part No.	140000050598	140000051012	140000050956	14000050601	
Color	Body	Silver	Black	Silver	Black	
00101	Indicator Line	Black	White	Black	White	
Body Material Aluminium Aluminium		inium				

For the hexagon wrench for FB/FN types, choose the M4 wrench (2mm) available on the market.

Handling Precautions -

1. Soldering Specifications -

(1)Manual Soldering

Device : Soldering iron

360°C, Max.; 3 seconds, Max.

(2)Auto Soldering

Device: Jet wave type or dip type

275°C , Max.; 6 seconds, Max.

- Pre-heating should be done at temperatures from 80 to 120°C and within 120 seconds
- (3)When soldering two or more terminals to the common land, use the solder resist to solder them independently.

2. Flux Cleaning -

- (1)For the solvent, use the fluorine-based or alcohol-based solvent. Solvent: Fluorine or Alcohol type
- (2)Do not use the ultrasonic cleaning system.

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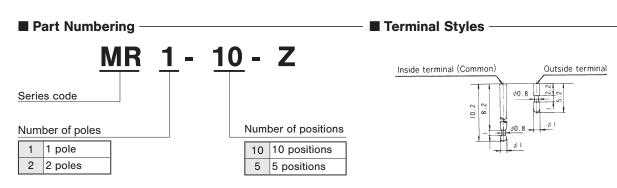
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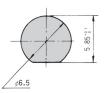
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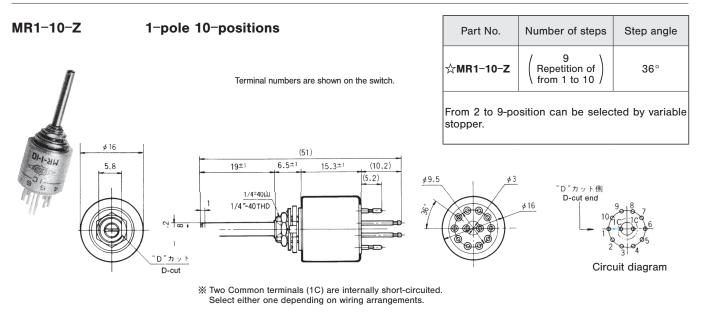
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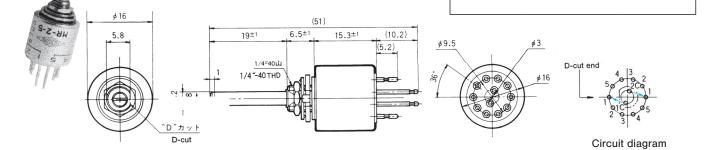


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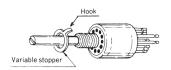
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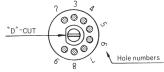
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