Rocker Switches
Non-Illuminated, Round



Specifications

Actuator	: Non-Illuminated, Round
Terminal	: Quick Connect Tab
Ambient Temperature	: Terminal Side: -20°C to +85°C Actuating Side: -20°C to +55°C
Atmospheric Humidity	: 85% Max.
Actuating Force	: 3 ~ 6N
Storage Temperature	: -30°C to +80°C Max
Temperature Rise	: 30°C Max. @ Terminal
Solder Ability	: 350°C Max., 3s
Safety Approval	: UL, VDE

Electrical Specifications

Parameter	UL	VDE/ENEC10
Electrical Rating	10A, 250V AC/15A, 125V AC	10A (4A), 250V AC
Electrical Life Endurance	10,000 times	
Contact Resistance	< 20mΩ	
Insulation Resistance	> 1,000MΩ	
Dielectric Strength	> 1,500V/minute	
Temperature Rise	30° C	
Push forces for TABS	≥6kg	
Pull forces for TABS	≥10kg	
Operating Force	550g ±100g; RC2: 400g ±100g	
Force for Button	≥9kg	
Horizontal direction forces for TABS	≥2kg	

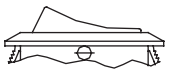
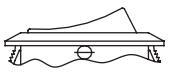
Material Specifications

Housing	: Polyamide 6.6, Black
Rocker	: Polyamide 6.6 & Polycarbonate, Black
Contacts	: Silver Alloy
Terminal	: Copper or Brass, Silver Plated
Spring	: SWC (Chromated Steel Wire)
Movable Arm	: Brass, Silver Plated

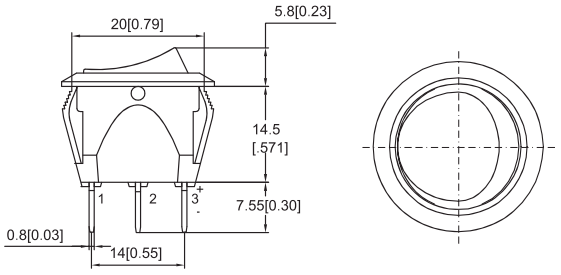
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Non-Illuminated, Round

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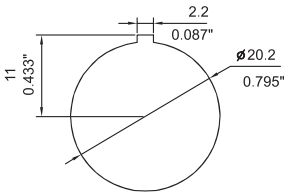
Switch Function

Poles & Throw	Rocker Position ( ): Momentary				
	Left		Right	Actuator Type	Part Number
					
SPST	On		Off	Round - No Marking	MCRC-1-5-KK-E-T00B
SPST	On		Off	Round - O/I Marking	MCRC-1-5-KK-F-T00B
SPDT	On		On	Round - No Marking	MCRC-2-5-KK-E-T00B

Dimension



Panel cut out thickness: 0.8~3mm
(0.031"~0.118")



Dimensions : Millimetres (Inches)

Part Number Table

Description	Part Number
Rocker Switch, Non-Illuminated, Round, SPST, On-Off, QC, Black	MCRC-1-5-KK-E-T00B
Rocker Switch, Non-Illuminated, Round, O/I Marking, SPST, On-Off, QC, Black	MCRC-1-5-KK-F-T00B
Rocker Switch, Non-Illuminated, Round, SPDT, On-On, QC, Black	MCRC-2-5-KK-E-T00B

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