

DIP

- **Timers, automation components**
 - **Computer and peripherals**
 - **Alarms, access control, smoke detectors, lighting, home protection**
 - **Instrumentation**
- 

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

NOTE: Some of the configurations may not be available or could require some development.



Number of Positions _____

RTE04	ESD Protection and top plate —
RTE10	0 Without ESD - standard plate
RTE16	1 With ESD - standard plate ²
	B Without ESD - black plate

Actuator —

- 0 Flush, screwdriver slot
- 2 Shaft for button

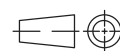
Terminations

N	Thru-hole
V	Right angle
G	Surface mount
R	Reverse, thru-hole

Contact/Terminal Material
4 Gold 0.5 µm/ Lead free tin
7 Gold 1.0 µm/ Gold

Switch Function

0	Single pole ¹
1	BCD code
3	Gray Code (for RTE 10)
4	Hexadecimal code (for RTE 16)
7	Gray Code (for RTE16)



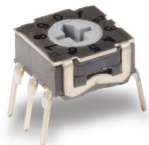
First Angle Projection

1 - Single pole function not available for RTE10/RTE16
2 - ESD protection available with "N" and "R" terminations only

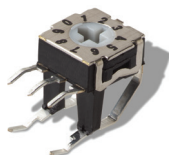
RTE Series Low Profile Rotary DIP Switches

SWITCHES WITH STANDARD OPTIONS

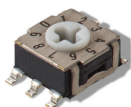
PC Mount-Terminal Option N



Right Angle Mount-Terminal Option V

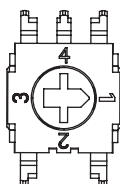


Surface Mount-Terminal Option G

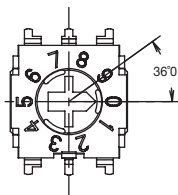


NUMBER OF POSITIONS

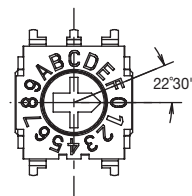
RTE04 4 POSITIONS



RTE10 10 POSITIONS



RTE16 16 POSITIONS



RTE Series Low Profile Rotary DIP Switches

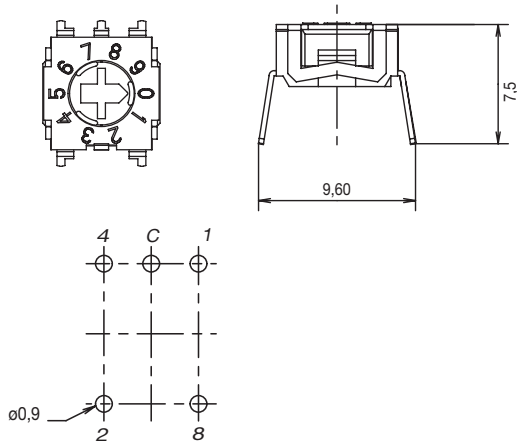
ESD PROTECTION



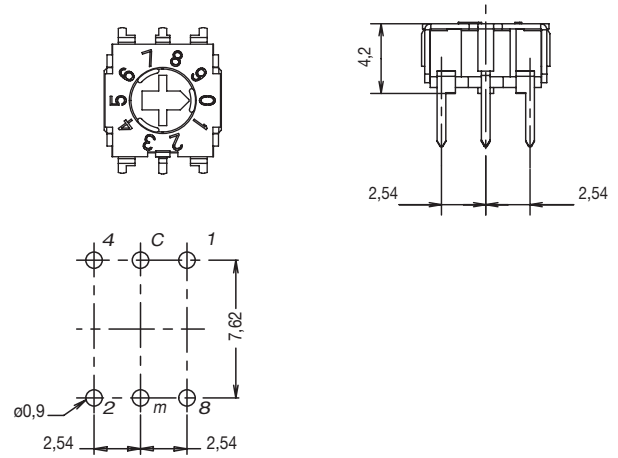
H

DIP

0 WITHOUT

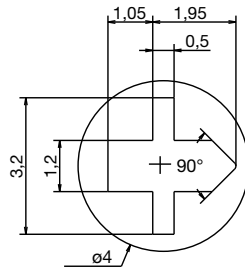


1 WITH

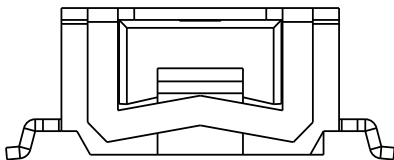


ACTUATOR

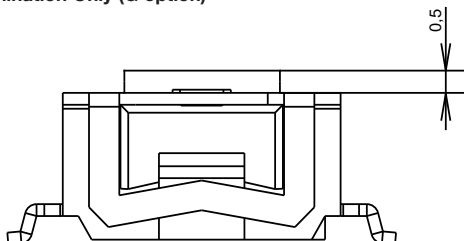
0 SCREWDRIVER SLOT



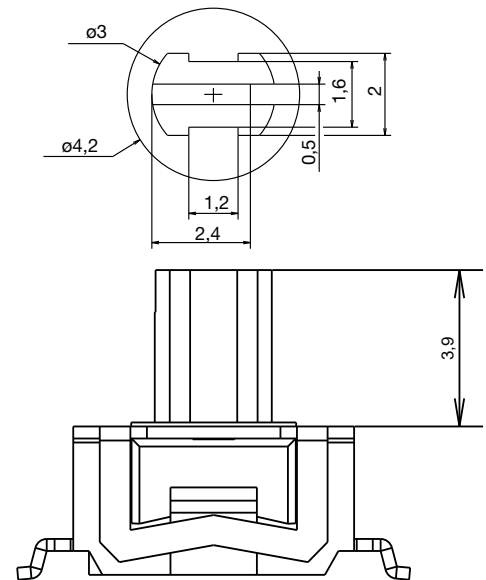
For non-SMT Terminations (N, V or R option)



For SMT Termination Only (G option)



2 SHAFT FOR BUTTON



First Angle
Projection

Dimensions are shown: Inch (mm)
Specifications and dimensions subject to change

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15 Sep 22

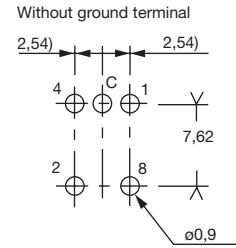
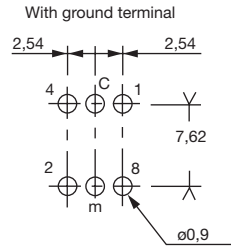
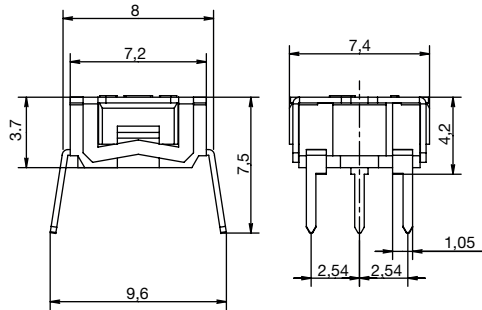
H-29

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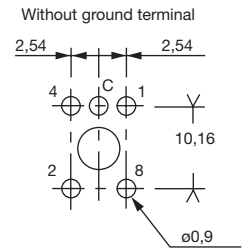
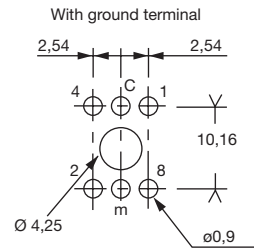
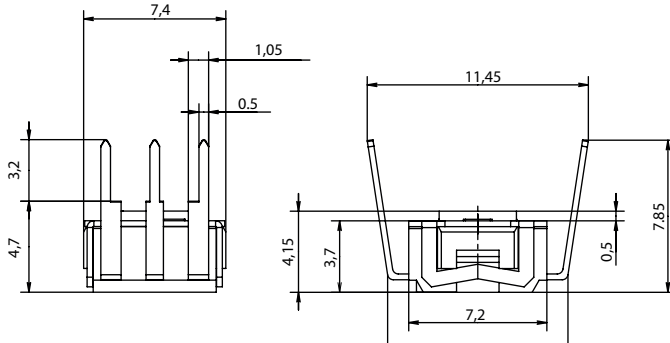
RTE Series Low Profile Rotary DIP Switches

TERMINATIONS

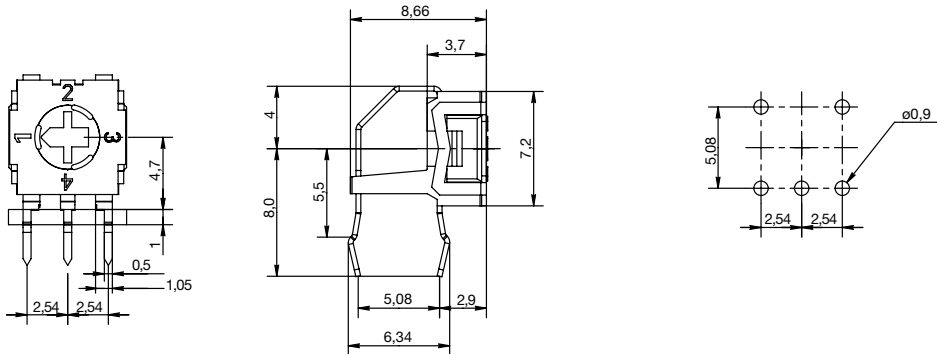
N THRU-HOLE



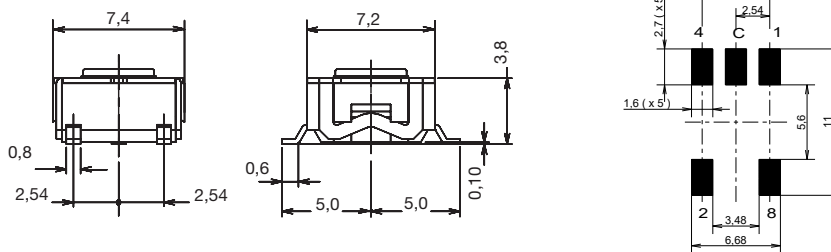
R REVERSE, THRU-HOLE



V RIGHT ANGLE, THRU-HOLE



G SURFACE MOUNT



PCB layout seen component side



Dimensions are shown: Inch (mm)
Specifications and dimensions subject to change

RTE Series Low Profile Rotary DIP Switches



H

DIP

SWITCH FUNCTION

0 SINGLE POLE

POS.	1	2	3	4
C	●	●	●	●
1	●			
2		●		
3			●	
4				●

1 BCD CODE

POS.	0	1	2	3	4	5	6	7	8	9
C	●	●	●	●	●	●	●	●	●	●
1		●		●		●		●		●
2			●	●			●	●		
4					●	●	●	●		
8									●	●

3 GRAY CODE (for RTE10 only)

POS.	0	1	2	3	4	5	6	7	8	9
C	●	●	●	●	●	●	●	●	●	●
1		●		●		●		●		●
2			●	●		●		●		
4					●	●	●	●	●	●
8									●	●

4 HEXADECIMAL CODE

POS.	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
C	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
1		●				●		●		●		●		●		●
2			●	●			●			●		●		●		●
4					●	●	●	●				●	●	●	●	●
8									●	●	●	●	●	●	●	●

7 GRAY CODE (for RTE04 only)

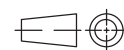
POS.	1	2	3	4
C	●	●	●	●
1	●			
2		●		
4			●	
8				●

(for RTE16 only)

POS.	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
C	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
1		●				●			●	●			●	●		
2			●	●	●		●				●	●	●	●		
4					●	●	●	●	●	●	●	●	●	●		
8									●	●	●	●	●	●	●	●

CONTACT MATERIAL

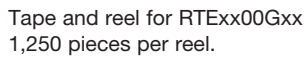
OPTION CODE	CONTACT MATERIAL	TERMINAL PLATING
4	Gold: 0.5 μ m	Lead Free Tin
7	Gold: 1 μ m	Gold



First Angle
Projection

Dimensions are shown: Inch (mm)
Specifications and dimensions subject to change

H



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H-32

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Mouser Electronics

Authorized Distributor

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C&K Switches:

RTE0400N04	RTE1000G14	RTE1000N14	RTE1000V14	RTE1600G44	RTE1600N44	RTE1600V44	RTE1610N44
RTE1000N24	RTE1000R24	RTE1001N24	RTE1001R14	RTE1002G14	RTE1002N24	RTE1002V14	RTE1010N24
RTE1010R14	RTE1010R24	RTE1011N14	RTE1011N24	RTE1011R24	RTE1012N14	RTE1012N24	RTE1601R44
RTE1602V44	RTE1610R44	RTE1611N44	RTE1611R44	RTE1612N44	RTE1000R14	RTE1002N14	RTE1600R44
RTE1602N44	RTE1010N14	RTE1000N34	RTE0400G04	RTE10B0G14	RTE1002R14	RTE1000G34	
RTE1602G74	RTE1010N34	RTE1010R34	RTE1602G44	RTE1000R34			