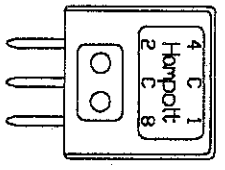
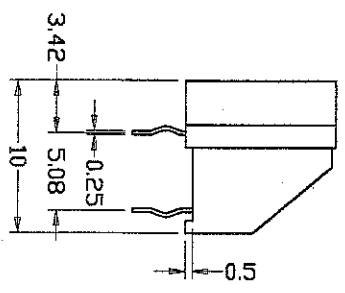
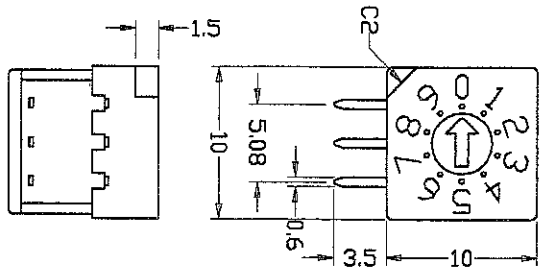


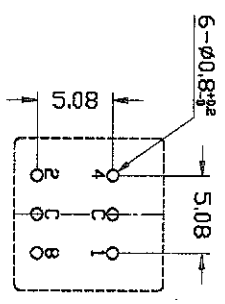
# RR30012

CODE NO:12

Position	Common C contacted			
	1	2	4	8
0				
1	•			
2		•		
3	•		•	
4			•	
5	•		•	
6		•	•	
7			•	
8			•	•
9	•			•



Recommend P.C.B. Drilling Size



名稱	RR30012	成品外型圖	數量	圖法	第三角法	製圖	呂理得	審核	單位	MM	比例	2/1	圖號	NCLVRDSVAG\020
件號			材質											

次	年月日	更改者
①		
②		
③		
④		
⑤		

日期 89.05.23

## FEATURES

- **Terminals are molded-in the base to prevent flux entry and fully sealed construction can be washed after soldering (IP67 approved).**
- **Standard 2.54mm pin pitch.**
- **One size (10\*10mm) with different positions (4, 8, 10, 16 positions).**
- **BCD real codes and complimentary codes available.**
- **Gold plated contacts and Terminals to ensure low contact resistance.**

## SPECIFICATIONS

### ● Materials

<b>Housing</b>	.....	<b>High temperature thermoplastic</b>
<b>Rotor</b>	.....	<b>High temperature thermoplastic</b>
<b>O-Ring</b>	.....	<b>Silicone rubber</b>
<b>Spring Washer</b>	.....	<b>Stainless steel</b>
<b>Terminals</b>	.....	<b>Copper alloy with gold plated</b>

### ● Mechanical

<b>Operating torque</b>	.....	<b>300 g-cm max.</b>
<b>Mechanical life</b>	.....	<b>20,000 steps</b>

### ● Electrical

<b>Switching rating</b>	.....	<b>50mA, 24V DC</b>
<b>Non switching rating</b>	.....	<b>100mA, 24V DC</b>
<b>Contact resistance</b>	.....	<b>100mΩ max.</b>
<b>Insulation resistance</b>	.....	<b>1,000MΩ, 100V DC</b>
<b>Dielectric strength</b>	.....	<b>250V AC, 1 minute</b>

## ● Environmental

Operating temperature ..... -40°C ~ +85°C

Soldering condition ..... 260°C for 5 seconds max.

Waterproof ..... Meet IP67

## HOW TO ORDER

R	S	3	27	14
Product	Setting	Terminal	Rotor	Code
R : Rotary DIP Switch	S : Top Adjust	2 : 2+3 pins	00 : Flat	03 : Real code (0-3)
	I : Right-Angle, Rows Pitch 2.54	3 : 3+3 pins	13 : 3mm+Knob	11 : Real code (0-7)
	R : Right-Angle, Rows Pitch 5.08	4 : 4+1 pins	23 : 3mm	12 : Real code (0-9)
			27 : 7mm	14 : Real code (0-F)
				33 : Comp. code (0-F)

## CODES

●.....Real code

○.....Complimentary code

No. of Positions	16 positions															
	10 positions															
	8 positions															
	4 positions															
Position	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
Pin No.	8	○	○	○	○	○	○	○	○	●	●	●	●	●	●	●
	4	○	○	○	○	●	●	●	●	○	○	○	○	●	●	●
	2	○	○	●	●	○	○	●	●	○	○	●	●	○	○	●
	1	○	●	○	●	○	●	○	●	○	●	○	●	○	●	○

## COLORS

Output Type	Rotor color	Housing color
2+3, 3+3 pins (Real code)	Gray	Blue
2+3, 3+3 pins (Complimentary code)	Red	Blue
4+1 pins (Real code)	Beige	Black
4+1 pins (Complimentary code)	Pink	Black