

RR16G

Au-plated contacts

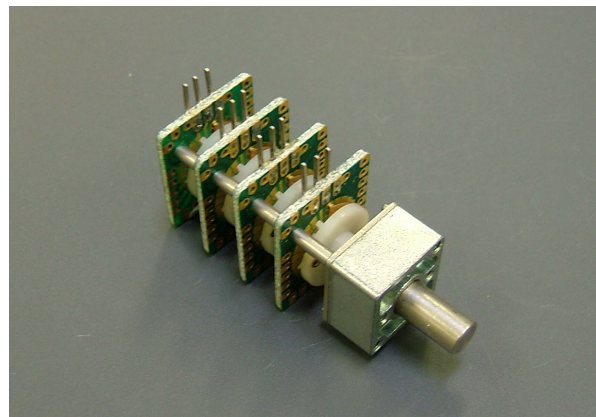
Low contact resistance

Small size

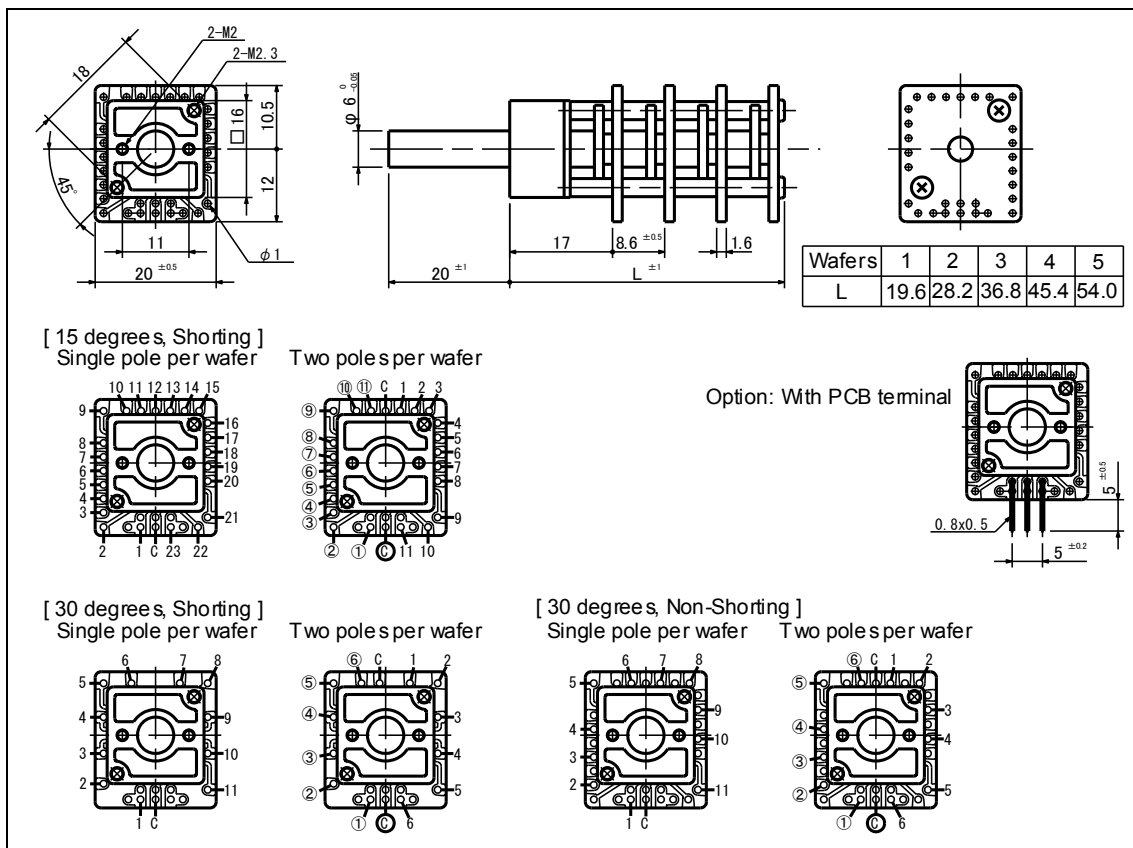
22.5mm x 20mm

Multiple contact

23 positions max



Dimensions



ROTARY SWITCH

Model number

RR16G - 2 2 23 R 20 M 15 P

Product type *A *B *C *D *E *F *G *H

*A Number of wafers
*B Number of poles (Circuits)
*C Number of contact per pole
*D Type of Shaft

Number of all PCBs
Number of all circuits

*E Length of shaft
*F Switching method

R: Round
F: Flat
S: Slot
20mm standard

*G Indexing angle

Blank: Non-shorting (30degrees)
M: Shorting (15degrees, 30degrees)
15: 15 degrees
30: 30 degrees

*H PCB terminal
(Please see dimensions.)

Blank: Without (standard)
P: With

Electrical specifications

RR16G																																				
Max rating	AC100V 300mA, DC100V 150mA																																			
Contact resistance	15mohm or less																																			
Voltage proof	1 Min. at AC250V																																			
Insulation resistance	100Mohm or more at DC500V																																			
Rotational life (No-load)	30,000 Cycles Min. (18cycles/min, Contact resistance: Less than 100mohm)																																			
Production range	<table border="1"> <thead> <tr> <th>Number of wafers</th> <th>1</th> <th>2</th> <th>3</th> <th>4</th> <th>5</th> </tr> </thead> <tbody> <tr> <td>Number of Poles</td> <td>1</td> <td>2</td> <td>4</td> <td>3</td> <td>6</td> <td>4</td> <td>8</td> <td>5</td> <td>10</td> </tr> <tr> <td rowspan="2">Number of contact per poles</td> <td>15 degs.</td> <td>23</td> <td>11</td> <td>23</td> <td>11</td> <td>23</td> <td>11</td> <td>23</td> <td>11</td> </tr> <tr> <td>30 degs.</td> <td>11</td> <td>6</td> <td>11</td> <td>6</td> <td>11</td> <td>6</td> <td>11</td> <td>6</td> </tr> </tbody> </table>	Number of wafers	1	2	3	4	5	Number of Poles	1	2	4	3	6	4	8	5	10	Number of contact per poles	15 degs.	23	11	23	11	23	11	23	11	30 degs.	11	6	11	6	11	6	11	6
	Number of wafers	1	2	3	4	5																														
Number of Poles	1	2	4	3	6	4	8	5	10																											
Number of contact per poles	15 degs.	23	11	23	11	23	11	23	11																											
	30 degs.	11	6	11	6	11	6	11	6																											

Mechanical specifications

RR16G	
Indexing angle	15 degrees, 30 degrees
Rotational torque	2~6Ncm (Different by number of circuit)
Strength of Screw-Attached	30Ncm
Attached Parts	M2 x 3mm or M2.3 x 4mm
Stopper strength	50Ncm
Push-pull strength	50N

General specifications

RR16G	
Temp. range	-10 to +60 degrees C (Operating), -15 to +65 degrees C (Storage)
Relative humidity	80%RH (No condensation)

Note

- * Solder heat resistance: 350degrees C max, 5sec max, 2 times. (Manual soldering only)
- * Special order of the shaft length is possible. Please contact us for details.