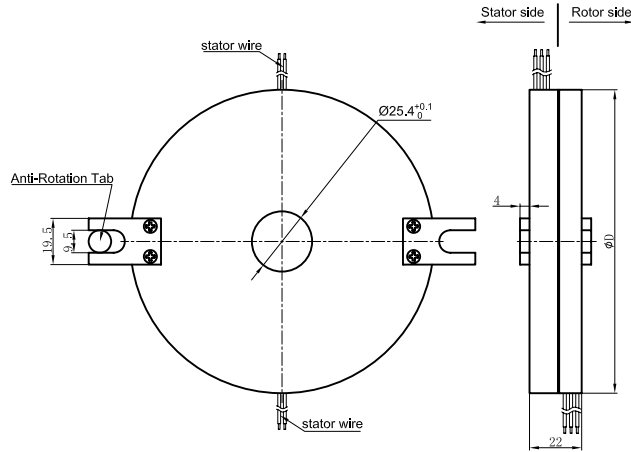
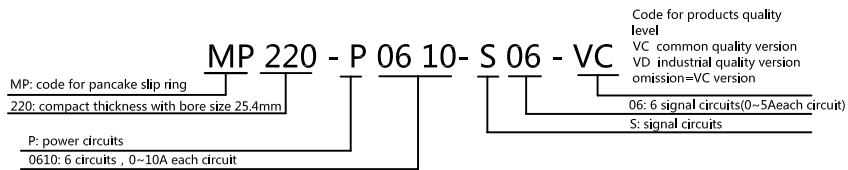


# MP220 series pancake slip ring

MP220 pancake slip ring have a thickness of 22mm,all aluminum alloy structure,using precious metal contact material and gold-plated processing It can transmit stable signal and power with small resistance fluctuations  
Designed for min thickness requirements,when thickness is restrictive but diameter is less restrictive.



## Explanation



## Part list

| MP220 Series Pancake Slip Ring |             |     |     |         |
|--------------------------------|-------------|-----|-----|---------|
| Parts#                         | Signal (5A) | 10A | 20A | ΦD (mm) |
| MP220-S02                      | 2           | 0   | 0   | 92      |
| MP220-P0210                    | 0           | 2   | 0   | 92      |
| MP220-P0210-S02                | 2           | 2   | 0   | 108     |
| MP220-P0410                    | 0           | 4   | 0   | 108     |
| MP220-S06                      | 6           | 0   | 0   | 124     |
| MP220-P0610                    | 0           | 6   | 0   | 124     |
| MP220-P0620                    | 0           | 0   | 6   | 124     |
| MP220-P0210-S04                | 4           | 2   | 0   | 124     |
| MP220-S12                      | 12          | 0   | 0   | 172     |
| MP220-P1210                    | 0           | 12  | 0   | 172     |
| MP220-P1220                    | 0           | 0   | 12  | 172     |
| MP220-P0610-S06                | 6           | 6   | 0   | 172     |
| MP220-P0620-S06                | 6           | 0   | 6   | 172     |
| MP220-S18                      | 18          | 0   | 0   | 216     |
| MP220-P1810                    | 0           | 18  | 0   | 216     |
| MP220-P0610-S12                | 12          | 6   | 0   | 216     |
| MP220-P1210-S06                | 6           | 12  | 0   | 216     |
| MP220-P0810-S10                | 10          | 8   | 0   | 216     |
| MP220-S24                      | 24          | 0   | 0   | 268     |
| MP220-P2410                    | 0           | 24  | 0   | 268     |
| MP220-P0610-S18                | 18          | 6   | 0   | 268     |
| MP220-P1210-S12                | 12          | 12  | 0   | 268     |
| MP220-S36                      | 36          | 0   | 0   | 364     |
| MP220-S48                      | 48          | 0   | 0   | 460     |

Through bore size,total circuits and current can be customized,please contact sales

## Specifications

| Electrical Technique Data |                                  |                |
|---------------------------|----------------------------------|----------------|
| Parameter                 | Value                            |                |
|                           | Power                            | Signal         |
| Rated voltage             | 0~440VAC/VDC                     | 0~240VAC/VDC   |
| Insulation Resistance     | ≥1000MΩ/500VDC                   | ≥1000MΩ/500VDC |
| Lead spec                 | AWG16#Teflon                     | AWG22#Teflon   |
| Lead length               | Standard 300mm ( can be extend ) |                |
| Dielectric Strength       | 500VAC@50Hz , 60s                |                |
| Electrical Noise          | <0.01Ω                           |                |
| Mechanical Data           |                                  |                |
| Parameter                 | Value                            |                |
| Working Life              | See product quality level table  |                |
| Rotating Speed            | See product quality level table  |                |
| Working temperature       | -30°C~80°C                       |                |
| Operating Humidity        | 0~85% RH                         |                |
| Contact Material          | See product quality level table  |                |
| Housing Materia           | aluminium alloy                  |                |
| Torque                    | 0.1N.m ; +0.03N.m/6rings         |                |
| Protection grade          | IP51                             |                |

## Product Quality Level Table

| Products Level Code | Max Rotating Speed | Working Life    | Contact Material |
|---------------------|--------------------|-----------------|------------------|
| VC                  | 60RPM              | 3 million revs  | Precious Metal   |
| VD                  | 200RPM             | 10 million revs | Gold-plated      |

## Lead Wires Color Code

| Ring  | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11  | 12  |
|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Color | BLK | RED | YEL | GRN | BLU | WHT | BLK | RED | YEL | GRN | BLU | WHT |

Note : 6 wires for 1 group colors, from 7-12, repeat the same color as 1..6, indicated with number code pipe.