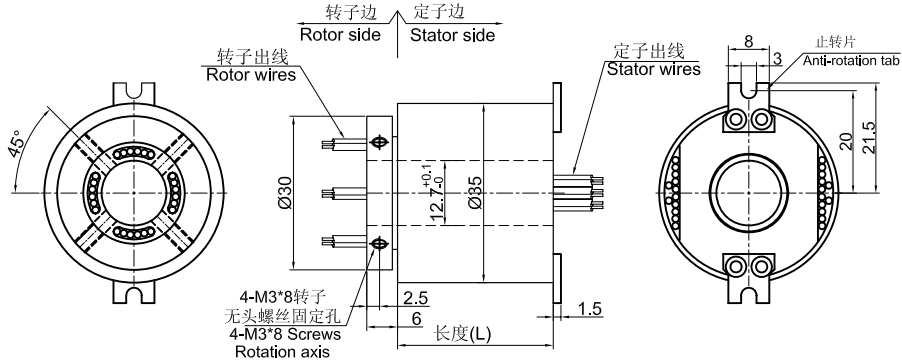


GT1235Series

The first compact outer diameter is 35mm, and the through hole diameter is 12.7mm (1 / 2 ", applicable to < = 12.7mm)Series integral precision conductive slip ring.

*Note: if the inner hole of < 12.7mm is needed, it can be solved by adding inner sleeve.



Part# Explanation

GT 1235 - S 06

GT:High speed slip ring
1235:50-ID 12mm;35-OD 35mm

06:6 rings
S:signal(5A)

Part# List

| Gt1235 Series Parts# List | | |
|---------------------------|-----------|---------------|
| Part# | Signal/5A | Length-L (mm) |
| GT1235-S02 | 2 | 30.4 |
| GT1235-S03 | 3 | 30.4 |
| GT1235-S04 | 4 | 30.4 |
| GT1235-S06 | 6 | 30.4 |
| GT1235-S08 | 8 | 44.2 |
| GT1235-S10 | 10 | 44.2 |
| GT1235-S12 | 12 | 44.2 |
| GT1235-S14 | 14 | 58 |
| GT1235-S16 | 16 | 58 |
| GT1235-S18 | 18 | 58 |
| GT1235-S20 | 20 | 71.8 |
| GT1235-S22 | 22 | 71.8 |
| GT1235-S24 | 24 | 71.8 |

Note: N channels 10A rings parallel can be used as 1 channel N*10A current. For example: 2 rings 10A parallel could be used as 1 wires 20A.
10A,5A (signal) can combine freely in any way.It can be customized based on standard slip ring,please contact customer service for more detmails.

Specifications

| Electrical Data | | |
|-----------------------|--------------------------|---------------|
| Parameter | Value | |
| | Power | Signal |
| Rated Voltage | 0~240VAC/VDC | 0~240VAC/VDC |
| Insulation Resistance | ≥200MΩ/500VDC | ≥300MΩ/500VDC |
| Lead Wires | AWG22Teflon | AWG22Teflon |
| Lead Length | Standard 300mm | |
| Dielectric Strength | 200VAC@50Hz, 60s | |
| Electrical Noise | <0.03Ω | |
| Mechanical Data | | |
| Parameter | Value | |
| Working Life | 10 Million revs | |
| Rotating Speed | 1~3000RPM | |
| Working Temperature | -30°C~80°C | |
| Operating Humidity | 0~85% RH | |
| Contact Material | Gold-plated | |
| Housing Materia | plastics | |
| Torque | 0.05N.m; +0.02N.m/6rings | |
| Protection Grade | IP51 | |

Lead Wires Color Code

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

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