



SECTION A-A

- Material&SPEC.
- 1.Shell Material: PPO,PA66 UL94V-0
 - 2.Insulation Materials:PPS,High Temperature 260°C
 - 3.Contact:Brass,Gold-Plated
 - 4.Insulation Resistance:2000MΩ
 - 5.Number Of Poles:2~12 Poles
 - 6.Coupling:Threaded
 - 7.Termination:Solder
 - 8.Cable Outer Diameter:7~12mm
 - 9.IP Rating:IP68
 - 10.Durability:500 Mating Cycles
 - 11.Temperature Range:-25°C~+80°C

ORDER INFORMATION:

RHTOY21 B4-XX

IP68 Connector Type

Male plug for Cable

Number Of Poles: 2~12 Poles

| | |
|-----------------|--|
| Match Connector | |
| RHTOY21B1 | |

Solder Contact Arrangement And Spec

| Number Of Contact | 2 | 3 | 4 | 5A | 5B | 5C | 7 | 9 | 12 |
|--------------------------------------|----------|----------|----------|----------|-----------------------|--------|--------|-----------|-----------|
| Male Contact Face View | | | | | | | | | |
| Rated Current (A) | 30A | 30A | 30A | 30A | 30A/5A | 15A | 15A | 5A | 5A |
| Contact Diameter | ∅2.8x2 | ∅2.8x3 | ∅2.8x4 | ∅2.8x5 | ∅2.8x2 ∅1.0x3 | ∅1.8x5 | ∅1.8x7 | ∅1.0x9 | ∅1.0x12 |
| Rated Voltage (AC.V) | 500V | 500V | 500V | 500V | 500V | 500V | 500V | 500V | 400V |
| Test voltage (AC.V)mm | 1500V | 1500V | 1500V | 1500V | 1500V | 1500V | 1500V | 1500V | 1200V |
| Contact Resistance mΩ | 1 | 1 | 1 | 1 | 5, 1 | 2.5 | 2.5 | 5 | 5 |
| Wire Size Soldermm ² /AWG | ≤4.17/11 | ≤4.17/11 | ≤4.17/11 | ≤4.17/11 | ≤4.17/11 ≤0.785/18 | ≤2/14 | ≤2/14 | ≤0.785/18 | ≤0.785/18 |

NINGBO RHT ELECTRONIC CO.,LTD

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|----------|----------------|-----------|-------------|--|
| UNITS:mm | SHEET SIZE: A4 | SCALE:--- | DRWN BY PAN | IP68 W21 CONN, Male plug for Cable, Solder |
| 0~3 | 3~18 | 18~50 | 50~120 | CHK'D BY FENG |
| ±0.12 | ±0.15 | ±0.3 | ±0.5 | APPR BY ZHAN |
| | | | | THIRD ANGLE PROJECTION |
| | | | | RHTOY21B4-XX |