



SECTION A-A

Material&SPEC

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

ORDER INFORMATION:

RHTDY17 B1-XX

IP68 Connector Type
 Female Plug For Cable
 Number Of Poles, 2~9 Poles

Solder Contact Arrangement And Spec

| Number Of Contact | 2 | 3 | 4 | 5 | 7 | 9 |
|---------------------------------------|--------|--------|-----------|-----------|-----------|-----------|
| Male Contact Face View | | | | | | |
| Rated Current (A) | 10A | 10A | 5A | 5A | 5A | 5 |
| Contact Diameter | ∅1.5x2 | ∅1.5x3 | ∅1.0x4 | ∅1.0x5 | ∅1.0x7 | ∅1.0x9 |
| Rated Voltage(AC.V) | 500V | 500V | 500V | 500V | 400V | 400V |
| Test Voltage(AC.V)1 Min | 1500V | 1500V | 1500V | 1500V | 1200V | 1200V |
| Contact Resistance mΩ | 2.5 | 2.5 | 5 | 5 | 5 | 5 |
| Wire Size Solder mm ² /AWG | ≤2/14 | ≤2/14 | ≤0.785/18 | ≤0.785/18 | ≤0.785/18 | ≤0.785/18 |

Match Connector

| | |
|-----------|--|
| RHTDY17B2 | |
| RHTDY17B3 | |
| RHTDY17B4 | |

NINGBO RHT ELECTRONIC CO.,LTD

| UNITS:mm | SHEET SIZE: A4 | | | | SCALE:--- |
|----------|----------------|-------|--------|--|-----------|
| 0~3 | 3~18 | 18~50 | 50~120 | | |
| ±0.12 | ±0.15 | ±0.3 | ±0.5 | | |

DRWN BY PAN

CHK'D BY FENG

APPR BY ZHAN

IP68 W17 CONN, Female Plug For Cable,Solder

THIRD ANGLE PROJECTION



RHTDY17B1-XX