

1 2 3 4 5 6 7 8 9

A

B

C

D

E

F

G

A

B

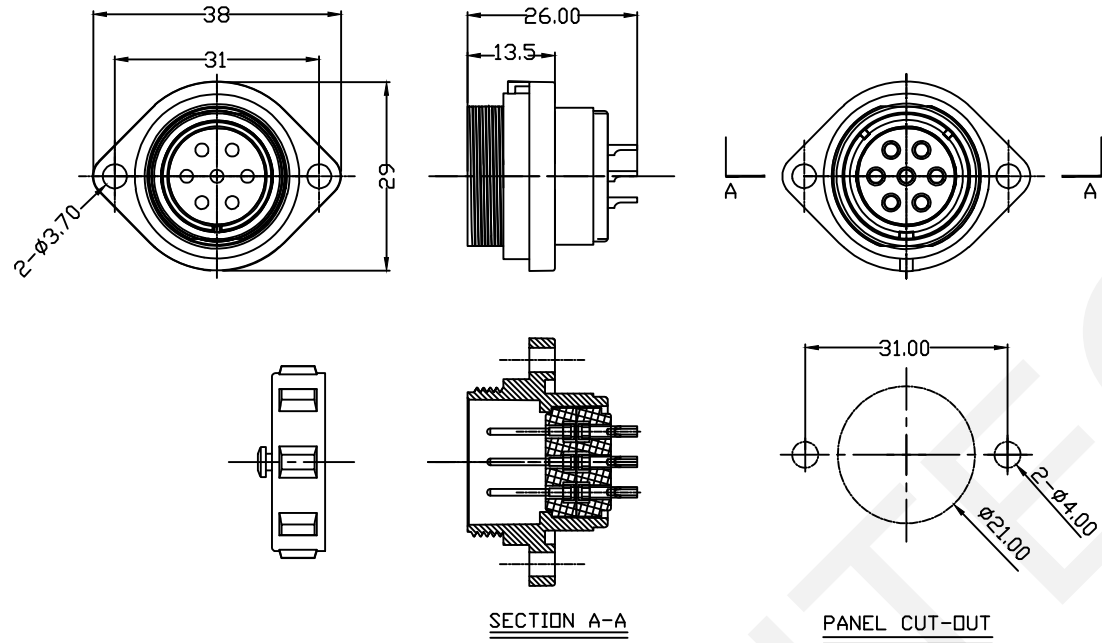
C

D

E

F

G



- 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:2~12 Poles
 - 6.Coupling:Threaded
 - 7.Termination:Solder
 - 8.IP Rating:IP68
 - 9.Durability:500 Mating Cycles
 - 10.Temperature Range:-25°C~+80°C

ORDER INFORMATION:

RHTOY21 B3-XX

IP68 Connector Type

Male Socket for Flange

Number Of Poles, 2~12 Poles

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	φ2.8x2	φ2.8x3	φ2.8x4	φ2.8x5	φ2.8x2 φ1.0x3	φ1.8x5	φ1.8x7	φ1.0x9	φ1.0x12
Rated Voltage (AC.V)	500V	500V	500V	500V	500V	500V	500V	500V	400V
Testvoltage (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

Match Connector

RHTOY21B1

NINGBO RHT ELECTRONIC CO.,LTD	UNITS:mm	SHEET SIZE: A4	SCALE:---	DRWN BY PAN	W21 CONN,Solder, Male Socket for Flange, IP68	
	0~3	3~18	18~50	50~120	CHK'D BY FENG	THIRD ANGLE PROJECTION
	±0.12	±0.15	±0.3	±0.5	APPR BY ZHAN	RHTOY21B3-XX

1 2 3 4 5 6 7 8 9