2PM-18 Series 7Pin Male Panel Socket with Gold Plated Pin

Part Number:

2PM18J7Z1

Basic Information	
Connector Type	Receptacle
Orientation	Straight
Gender	Male
Shell Size	2PM 18
Number of Positions	7 Pin
Combination No.	1

Mechanical Specification	
Contact Termination	Solder
Fastening Type	Threaded
Contact Size	Φ1.0
Durability	500 Cycles

Material Specification	
Shell Material	Aluminum Alloy
Contact Material	Brass
Contact Finish	Gold
Insulation Material	Bakelite / Fiberglass / PBT

Electrical Specification

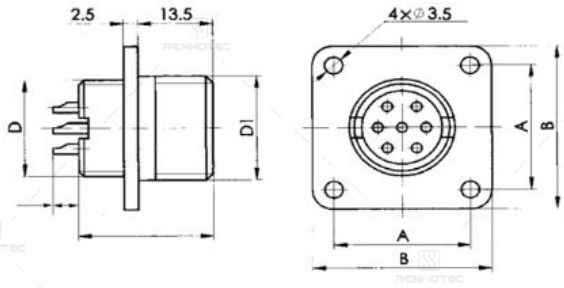
Rated Current	5A
Rated Voltage	≤700V (AC)
Insulation Resistance	Normal ≥1000MΩ Moistheat ≥20MΩ
Contact Resistance	0.8-5MΩ

Environmental Specification

Operating Temperature	-60℃-+300℃

Contact Layout

Size



Shell Size	D(Left)	D_1	A	B	B
14	M14×1	M16×1	17±0.1	24	24
18	M18×1	M20×1	20±0.1	27	
22	M22×1	M24×1	23±0.1	30	
24	M24×1	M27×1.5	26±0.1	33	
27	M27×1	M30×1.5	29±0.1	36	
30	M30×1	M33×1.5	31±0.1	38	
33	M33×1	M36×1.5	32±0.1	40	
36	M36×1	M39×1.5	35±0.1	43	
39	M39×1	M42×1.5	37±0.1	46	
42	M42×1	M45×1.5	40±0.1	49	
45	M45×1	M48×1.5	43±0.1	52	26

How to Order

2PM 18 K 4 Q B 2 (5)

Series:
2PM Unsealed
2PM-(M Sealed)
2PM-(C Sealed bulkhead)

Shell Size:
14.18.22.24.27.30.33.36.39.42.45

Gender:
K(Female) / J(Male)

Contacts:
4.7.8.10.19.20.22.24.30.32.42.45.50

Combination No. of contacts: 1.2.3.4.5.6.7.8.9

Plating of contacts:
1 - Gold plated pin 2 - Silver plated pin

Connector type:
Q: Straight cable plug W: Angled cable plug
Z: Unsealed socket M: Sealed socket C: Sealed socket bulkhead

Shielded or not of Tail attachment:
A(Shielded) B(Unshielded)

Disclaimer

The information in this specification is subject to change without notice. Please confirm the latest version before use. Technical parameters are for reference only, and sufficient testing and verification should be conducted in actual applications.