



2PM-27 Series 24Pin Male Panel Socket -  
2PMT27524L1B1B

Part Number:  
**2PM27J24Z2**

Compatible Part Numbers

|              |                 |
|--------------|-----------------|
| Russian P/N  | 2PMT27524L1B1B  |
| English P/N  | 2RMT27B24SH1V1V |
| RENHOTEC P/N | 2PM27J24Z2      |

Basic Information

|                     |            |
|---------------------|------------|
| Connector Type      | Receptacle |
| Orientation         | Straight   |
| Gender              | Male       |
| Shell Size          | 2PM 27     |
| Number of Positions | 24 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      | Silver                      |
| Insulation Material | Bakelite / Fiberglass / PBT |

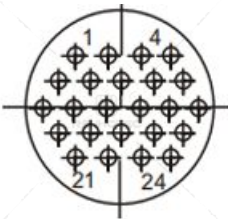
Electrical Specification

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

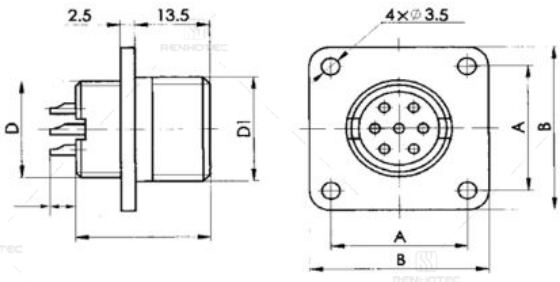
Environmental Specification

|                       |            |
|-----------------------|------------|
| Operating Temperature | -60℃~+300℃ |
|-----------------------|------------|

Contact Layout



Size



| Shell Size | D(Left) | D <sub>1</sub> | 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

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

2PM 18 K 4 Q B 2 (5)

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.