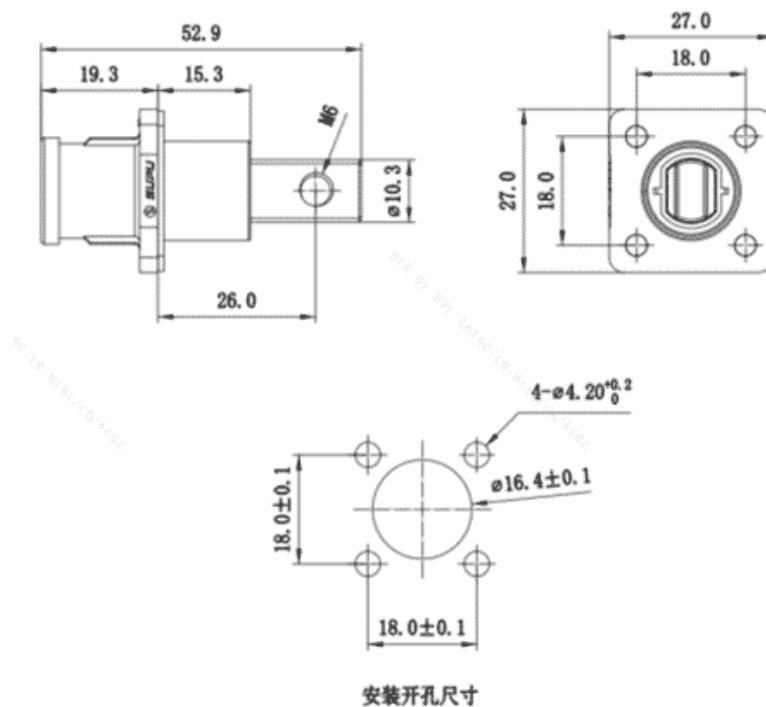


Product Type: IP67 connector

Product Name:ESF-  
RS120A25BB1

Product Description: Connectors suitable for energy storage modules: Color: Black Wire cross-section: 25mm<sup>2</sup> Rated voltage: 1500V DC Rated current: 120A Connection method: screw Contact type: Pin

## Product Size



## Parameters

|                       |                 |
|-----------------------|-----------------|
| SUPU ID               | ESF-RS120A25BB1 |
| Number of connections | 1               |
| Connection method     | 螺纹              |

|                               |              |
|-------------------------------|--------------|
| ☞ Protection Level            | IP67         |
| ☞ Operating temperature range | -40℃~125℃    |
| ☞ Insulation material         | PA           |
| ☞ Insulation material group   | III          |
| ☞ Contact material            | Copper alloy |
| ☞ Contact plating             | Ag,Plated    |
| ☞ Insertion/withdrawal cycles | 100          |
| ☞ Insertion force             | ≤75N         |
| ☞ Withdrawal force            | ≥10N         |

## Technical data

|                            |                          |
|----------------------------|--------------------------|
| ☞ Overvoltage category     | III                      |
| ☞ Degree of pollution      | 3                        |
| ☞ Rated impulse voltage    | 12.3KV                   |
| ☞ UL Rated Current         | 120A                     |
| ☞ UL Rated Voltage         | 1500V                    |
| ☞ Stripping length         | /                        |
| ☞ Rated cross section      | 25mm <sup>2</sup> (AWG4) |
| ☞ Rated cross section(AWG) | 25mm <sup>2</sup> (AWG4) |
| ☞ External cable diameter  | /                        |

## Commercial data

|                |                 |
|----------------|-----------------|
| ☞ Order No     | ESF-RS120A25BB1 |
| ☞ Packing unit | 1               |

☞ Minimum order quantity

PCS

☞ Single piece weight

23.3g

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Date:2025-10-22 06:39

The right to modify data belongs to SUPU.