

## MI mini connector



MI

## MI mini connector

400/30V 6/1A

## Technical characteristics

|                            |                                             |
|----------------------------|---------------------------------------------|
| Number of contacts         | 6+6(5+PE)                                   |
| Rated current (40°C )      | 6A(power), 1A(signal)                       |
| Rated voltage              | 400V(power), 30V(signal)                    |
| Rated impulse voltage      | 4000V(power), 500V(signal)                  |
| Pollution degree           | 3                                           |
| Contact resistance         | ≤ 5 mΩ                                      |
| Termination                | crimp terminal                              |
| Wire gauge                 | MAX0.75mm <sup>2</sup>                      |
| Degree of protection       | IP67(Acc. to EN60529 for coupled connector) |
| Limiting temperature       | -40°C ...+130°C                             |
| Flammability acc. to UL 94 | V0                                          |
| Contact plating            | Au                                          |

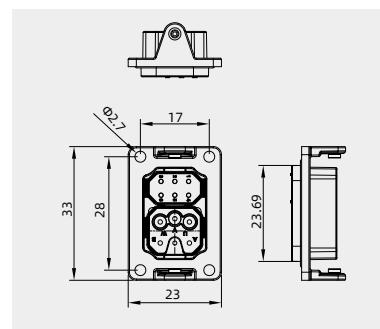
## Angeled double zone double cable shielded connector

Remark: SPQ is 5pcs

Male, Shielded, Crimp terminal  
Order crimp contacts separately



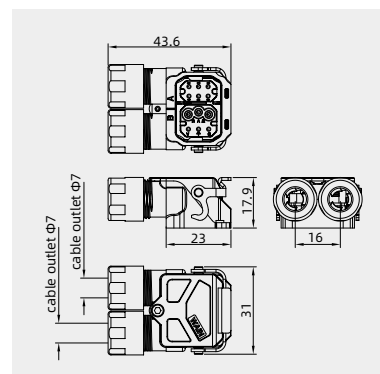
| Contacts  | Cable outlet | Designation        | Order No.        |
|-----------|--------------|--------------------|------------------|
| 6+6(5+PE) | 7.5mm        | MI-MC06/6-BK-OD2.7 | 173 012 310 4001 |



Female, Shielded, Crimp terminal  
Order crimp contacts separately



| Contacts  | Cable outlet | Designation           | Order No.        |
|-----------|--------------|-----------------------|------------------|
| 6+6(5+PE) | 7.5mm        | MI-FC06/6-SE-2D7.5-SH | 173 012 520 2001 |



## Crimp contacts

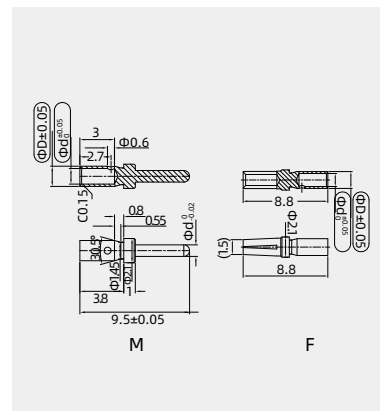
Crimp contacts

Contact resistance ≤ 3mΩ  
gold plated



Remark: SPQ is 100pcs

| Wire gauge(mm <sup>2</sup> ) | Male          | Order No.        |
|------------------------------|---------------|------------------|
| 0.09-0.25                    | MI-MC6G2-0.25 | 101 040 210 0101 |
| 0.13-0.52                    | MI-MC6G-0.38  | 101 040 210 3801 |
| 0.52-0.75                    | MI-MC6G-0.75  | 101 040 210 0601 |
| Wire gauge(mm <sup>2</sup> ) | Female        | Order No.        |
| 0.09-0.25                    | MI-FC6G2-0.25 | 101 040 220 0101 |
| 0.13-0.52                    | MI-FC6G-0.38  | 101 040 220 3801 |
| 0.52-0.75                    | MI-FC6G-0.75  | 101 040 220 0601 |



Tools

Crimping tool



Remark: SPQ is 1pc

| Wire gauge               | Designation | Order No.        |
|--------------------------|-------------|------------------|
| 0.09-0.82mm <sup>2</sup> | TL03        | 198 001 001 0002 |

Notes: The tools for crimp terminal may influence the product quality and stability. Please select the tools recognized by our company.