



Pushing Performance  
Since 1945

# M23 06 Female -L



Image is for illustration purposes only. Please refer to product description.

|                    |                                                                               |
|--------------------|-------------------------------------------------------------------------------|
| Part number        | 09 15 106 2702                                                                |
| Specification      | M23 06 Female -L                                                              |
| HARTING eCatalogue | <a href="https://harting.com/09151062702">https://harting.com/09151062702</a> |

## Identification

|                |                         |
|----------------|-------------------------|
| Category       | Inserts                 |
| Series         | Circular connectors M23 |
| Identification | Signal                  |
| Element        | Inserts                 |

## Version

|                    |                    |
|--------------------|--------------------|
| Termination method | Solder termination |
| Gender             | Female             |
| Number of contacts | 6                  |

## Technical characteristics

|                         |                     |
|-------------------------|---------------------|
| Conductor cross-section | 2.5 mm² max.        |
| Rated current           | 20 A                |
| Rated voltage           | 300 V               |
| Rated impulse voltage   | 2.5 kV              |
| Pollution degree        | 3                   |
| Insulation resistance   | >10 <sup>10</sup> Ω |
| Limiting temperature    | -40 ... +125 °C     |
| Mating cycles           | ≥500                |

## Material properties

|                   |                |
|-------------------|----------------|
| Material (insert) | Polyamide (PA) |
| Colour (insert)   | White          |



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## Material properties

|                                           |                                                        |
|-------------------------------------------|--------------------------------------------------------|
| Material (contacts)                       | Copper alloy                                           |
| Surface (contacts)                        | Gold plated                                            |
| Material flammability class acc. to UL 94 | V-0                                                    |
| RoHS                                      | compliant with exemption                               |
| RoHS exemptions                           | 6(c): Copper alloy containing up to 4 % lead by weight |
| ELV status                                | compliant with exemption                               |
| China RoHS                                | 50                                                     |
| REACH Annex XVII substances               | Not contained                                          |
| REACH ANNEX XIV substances                | Not contained                                          |
| REACH SVHC substances                     | Yes                                                    |
| REACH SVHC substances                     | Lead                                                   |
| ECHA SCIP number                          | 052d6da0-30ef-44e8-bbe4-e75780521d22                   |
| California Proposition 65 substances      | Yes                                                    |
| California Proposition 65 substances      | Lead                                                   |

## Specifications and approvals

|          |                       |
|----------|-----------------------|
| UL / CSA | UL 1977 ECBT2.E235076 |
|----------|-----------------------|

## Commercial data

|                                |                                                 |
|--------------------------------|-------------------------------------------------|
| Packaging size                 | 5                                               |
| Net weight                     | 7.14 g                                          |
| Country of origin              | Germany                                         |
| European customs tariff number | 85366990                                        |
| GTIN                           | 5713140163003                                   |
| eCl@ss                         | 27440223 Contact insert for circular connectors |
| ETIM                           | EC003557                                        |
| UNSPSC 24.0                    | 39121421                                        |