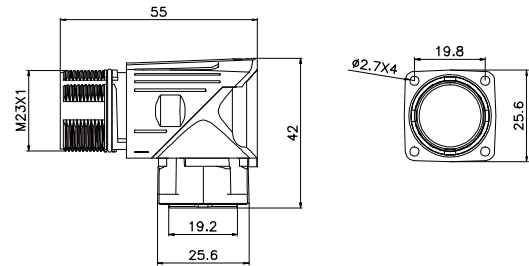


# 623 signal male angled metal plug connector



## Technical parameters

|                   |                      |
|-------------------|----------------------|
| Shell material    | Copper/Zinc          |
| Core material     | PBT/PA66             |
| Overmold material | PVC/TPU <sup>①</sup> |
| Terminal material | Phosphor copper      |
| Temperature       | -40°C~+125°C         |

|                       |        |
|-----------------------|--------|
| Insulation resistance | ≥100mΩ |
| Contact resistance    | ≤5mΩ   |
| Degree of protection  | IP67   |
| Mating cycle          | ≥500次  |
| Cable diameter        |        |

## Electric parameter

M 2 3

| pin number | code type | rated current | A/C  | D/C  | AWG   | mm <sup>2</sup> | cable material | dealing at the end cable   |
|------------|-----------|---------------|------|------|-------|-----------------|----------------|--|
|            | A         |               |      |      |       |                 |                |  |
| 6          |           | 20A           | 300V | 300V | 14    | 2.5             | PVC/PUR        | - no dealing<br>- customized<br>- strip and tinn<br>- to other connector |
| 7          |           | 20A           | 300V | 300V | 14    | 2.5             | PVC/PUR        |  |
| 9          |           | 8A            | 150V | 150V | 18    | 1               | PVC/PUR        |  |
| 9P(8+1)    |           | 8A/20A        | 300V | 150V | 18/14 | 1/2.5           | PVC/PUR        |  |
| 12         |           | 8A            | 150V | 150V | 18    | 1               | PVC/PUR        |  |
| 17         |           | 8A            | 150V | 150V | 18    | 1               | PVC/PUR        |  |
| 19P(16+3)  |           | 8A/10A        | 150V | 150V | 18/16 | 1/1.5           | PVC/PUR        |  |

## Order method

### ① Regular type

623G--H1--P----

pin number      code type (except A type)      cable material      others

overmold material      cable length

### ② Customized

623G--H1--P--

pin number      code type (except A type)      others

customized item number