

## Overview

### Product information



**16A-SM-1.0-92116900058**

16A silver plating male pins, Adapter wire specification 1.0mm<sup>2</sup>

### Product advantages

- ☑ High-precision turning process, stable and reliable products;
- ☑ Gold-plated and silver-plated are available, suitable for different environmental requirements;
- ☑ Comprehensive products, resistant to temperature changes, shocks and harsh environments.

### Product certification

## Technical data

### Product drawing

### 3D model

□

### Marking

|                |                  |
|----------------|------------------|
| classification | Contact          |
| Series         | 16A              |
| Contact type   | Crimping contact |

### versions

|                         |         |
|-------------------------|---------|
| Female/Male             | Male    |
| manufacturing technique | Turning |

### Material characteristics

|                  |                             |
|------------------|-----------------------------|
| RoHS             | Comply with RoHS exemptions |
| Material         | Copper alloy                |
| Plating material | Silver plated               |

Standards

|                            |                      |
|----------------------------|----------------------|
| Connection meets standards | EN 60664-1 IEC 61984 |
|----------------------------|----------------------|

Technical specification

|                                |            |
|--------------------------------|------------|
| Conductor cross sections (mm²) | 1.0mm²     |
| Conductor cross sections(AWG)  | 18AWG      |
| Working current                | ≤16A       |
| Contact resistance             | ≤1mΩ       |
| Plating Thickness              | ≥2μm       |
| Temperature range              | -40℃~+125℃ |
| Strip length                   | 7.5mm      |
| working life-mating cycles     | ≥500       |

Accessories

Business data

|                                     |             |
|-------------------------------------|-------------|
| Order number                        | 92116900058 |
| Packing unit                        | 100         |
| Minimum order quantity              | 100         |
| Products weight (without packaging) | 1.57        |