

# HUBER+SUHNER® DATA SHEET

## Within Series Adapter: 33\_SK-50-0-1/199\_N

Rev.: E



### Description

Adaptor plug/jack  
SK plug (male) / SK jack (female)

Interface standards  
MIL-STD-348A/323



### Technical Data

#### Electrical Data

|                          |                 |
|--------------------------|-----------------|
| Impedance                | 50 $\Omega$     |
| Interface frequency max. | 40 GHz          |
| Frequency range          | DC to 40 GHz    |
| Return loss              | $\geq 20$ dB    |
| Electrical Length        | 16.1 mm +/- 0.1 |

#### Mechanical Data

|                   |           |
|-------------------|-----------|
| Number of matings | 500       |
| Weight            | 0.0049 kg |

#### Environmental Data

|                       |                  |
|-----------------------|------------------|
| Operating Temperature | -55 °C to 125 °C |
| 2002/95/EC (RoHS)     | compliant        |

#### Material Data

##### Piece Parts (SK)

|                |                        |
|----------------|------------------------|
| Centre contact | Copper Beryllium Alloy |
| Outer contact  | Stainless Steel        |
| Body           | Stainless Steel        |
| Insulator      | PPO_PPE                |
| Coupling nut   | Stainless Steel        |

##### Surface Plating

SUCOPRO Plating

##### Piece Parts (SK)

|                |                        |
|----------------|------------------------|
| Centre contact | Copper Beryllium Alloy |
| Outer contact  | Stainless Steel        |
| Body           | Stainless Steel        |
| Insulator      | PPO_PPE                |

##### Surface Plating

SUCOPRO Plating

### Related Documents

|                 |              |
|-----------------|--------------|
| Outline drawing | DOU-00013730 |
|-----------------|--------------|

### Ordering Information

|                |                     |
|----------------|---------------------|
| Single package | 33_SK-50-0-1/199_NE |
|----------------|---------------------|

HUBER+SUHNER is certified according to ISO 9001 and ISO 14001

#### WAIVER!

It is exclusively in written agreements that we provide our customers with warrants and representations as to the technical contained specifications and/or the fitness for any particular purpose. The facts and figures herein are carefully compiled to the best of our knowledge, but they are intended for general informational purposes only.



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