

High data transmission



SN 1767K SN 2297K

Description

- Single way connectors with triaxial interface according to MIL-STD 1553 B

SN1767K

- Triaxial connector for 1553 data bus, bayonet coupling

SN 2297K

- Triaxial connector for 1553 data bus, thread coupling, in compliance with standard EN 3716 - 001

Applications

- Missiles
- Launchers
- Helicopters
- Ground army vehicles

Technical features

SN 1767K

Mechanical

- Shell : copper alloy
- Plating : gold over nickel
- Insulator : PTFE
- Seals : silicone
- Contacts : copper alloy
- Endurance : 500 cycles

Environmental

- Operating temperature : -65°C +175°C
- Salt spray : 500 hours

Electrical

- Voltage rating : 900 V under 50 Hz
- Insulation resistance : $\geq 5000 \text{ m}\Omega$ under 500 V
- Contact resistance :
 - central contact : $\leq 20 \text{ m}\Omega$
 - intermediate contact : $\leq 20 \text{ m}\Omega$
 - external contact : $\leq 5 \text{ m}\Omega$



SN 2297K

Mechanical

- Shell : copper alloy
- Plating : tin-lead
- Insulator : PTFE
- Seals : silicone
- Contacts : copper alloy
- Plating : gold over nickel
- Endurance : 500 cycles

Environmental

- Operating temperature : -65°C +150°C
- Salt spray : 500 hours

Electrical

- Voltage rating : 900 V under 50 Hz
- Insulation resistance : $\geq 5000 \text{ m}\Omega$ under 500 V
- Contact resistance :
 - central contact : $\leq 20 \text{ m}\Omega$
 - intermediate contact : $\leq 20 \text{ m}\Omega$
 - external contact : $\leq 5 \text{ m}\Omega$

For further information, please consult the customer drawing and technical specifications

High data transmission

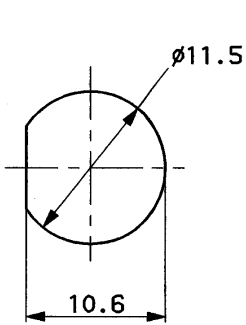


Dimensions

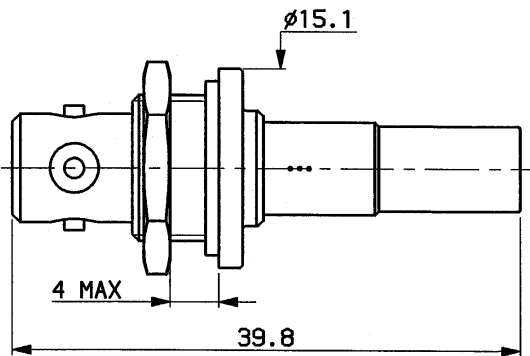


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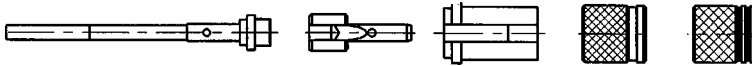
Panel cut out



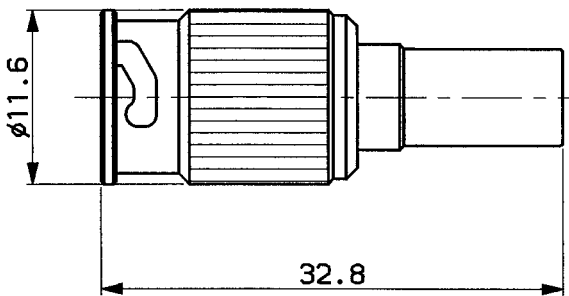
Female connector



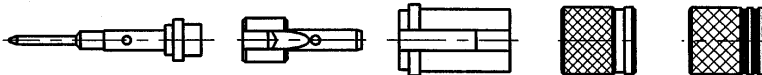
Primary components



Male connector

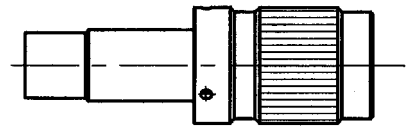


Primary components

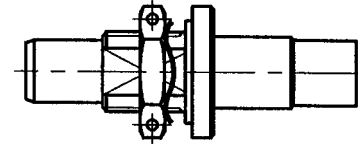


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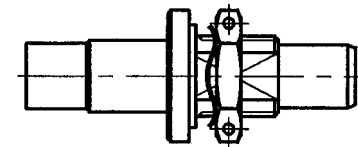
Female plug



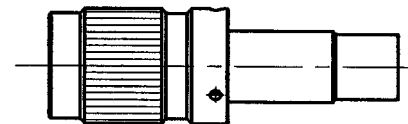
Male plug



Female receptacle



Male receptacle



Primary components

