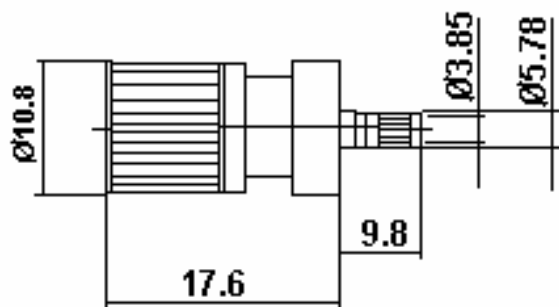


Mechanical Data

1. Materials

Outer contact and body	Cu Zn-Alloy DIN 1746
Spring parts	Cu Be 2
Insulators	PTFE
Crimping sleeve	CuZn37F44

2. Finish

Outer contact and body	gal. Ni 4
Contact parts	gal. Ni Au 2/1.2

3. Coupling nut torque/ retention

DIN 47295

4. Mating cycles

400 cycles

5. Temperature range

-55°C up to +155°C

6. Testing class

55/155/21

Electrical Data

1. Impedance Z_w

75 Ohm

2. Frequency range f_{max}

1 GHz

3. VSWR

up to 9.1 GHz : ≤ 0.02
up to 0.5 GHz : ≤ 0.04
up to 1.0 GHz : ≤ 0.10

4. Insulation resistance

$> 10^{12}$ ohm

5. Contact resistance

Inner contact

$\leq 4m$ Ohm

Outer contact

$\leq 2m$ Ohm

6. Test voltage (NN)

1.5 kV

7. Working voltage (NN)

500V

Crimp dimensions as IEC 803

Inner conductor	4kt SW 1,2
Crimp sleeve	6kt SW 6,4

TITLE 1.6/5.6 Plug Screw type full crimp



Cambridge Connectors

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1

ISSUE

12/3/01

Iss.
No.

CHANGE

Sig.
Date

Originated

PS

12/3/01

Drn.

DC

12/3/01

Chkd.

Dwg. No.

XHT-9001-NGAB