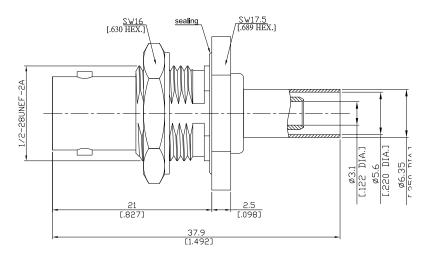


### Technical Data Sheet

## BNC Straight Bulkhead Cable Jack

### BNC2CA50-G142B/H4



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

# Interface According to

. .

IEC 61169-8; MIL-C-39012; MIL-STD-348A/301; CECC 22120

#### Electrical Data

 $\begin{array}{ll} \text{Impedance} & 50 \ \Omega \\ \text{Frequency} & \text{DC to 4 GHz} \end{array}$ 

VSWR (Return Loss)  $\leq$  1.13 ( $\geq$  24.3 dB), DC to 1 GHz  $\leq$  1.20 ( $\geq$  20.1 dB), 1 to 4 GHz

Insertion Loss  $\leq 0.05 \times \sqrt{F (GHz)} dB$ 

- Limitations are possible due to the used cable type and manufacturing process -

#### Mechanical Data

Coupling mechanisms Bayonet-lock

Centre contact Soldered or Crimped

Cable entry Crimped

#### Environmental Data

Temperature range -65°C to +165°C RoHS compliant

#### Material And Plating

Connector parts	Material	Plating
Centre contact	Phosphor Bronze	Gold plating(Nickel underplated)
Body	Brass	Copper-Tin-Zinc Alloy
Insulator	PTFE	
Gasket	Silicone Rubber	
Crimp ferrules	Brass	Copper-Tin-Zinc Alloy
Fastening nut	Brass	Copper-Tin-Zinc Alloy
Washer	Brass	Copper-Tin-Zinc Alloy

#### Suitable Cables

RG 55, RG 142, RG 223, RG 400

Packing

Single or 100

Related Document

Mounting Dimension MD7

The facts and figures herein are carefully compiled to the best of our	
knowledge, but they are intended for general informational purposes only.	
In the effort to improve our products, we reserve the right to make changes	
judged to be necessary.	

I KEV	Rosnol RF/Microwave Technology www.rosnol.com; info@rosnol.com
20 /22 /20	Phone: +886-3-463-5095 / Fax: +886-3-463-5952

Page

1/1