

*Change new drawing frame in Blue Color since 2009/07/01 ,
to comply with Company CIS Policy.

Revisions

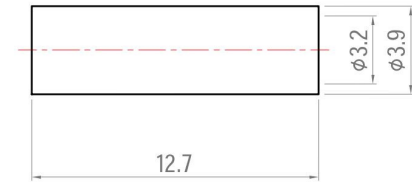
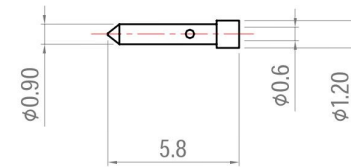
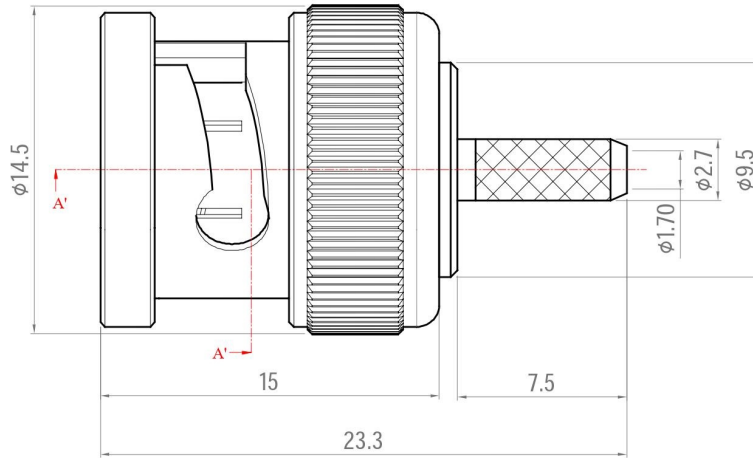
Note: Revisions B; B-1; B-2..... On Behalf of Official Drawing.
Revisions 1; 2; 3; 4..... On Behalf of Experiment's Drawing.

ISS	Symbol	Description	Date
B		Formal Drawing Released.	2020/06/22

Notes :

- Any Electrical, Mechanical or Environmental Test Per MIL-PRF-39012F Should be Spotlighted, as We May Not Have All Testing Equipment to Cover All of It.
- All Metal Materials Are in Compliance with RoHS 2 Directive 2011/65/EU Annex III Section 6 Paragraph.
- Recommended Crimped Hand Tool : for Ferrule P/N - HT-909M

Outline Drawing



Electrical :

Impedance : 50 Ω

Voltage Rating : ≥ 500 V rms (Depending on Cable)

Insulator Resistance : ≥ 5 G Ω

Dielectric Withstanding Voltage : ≥ 1500 V rms

Contact Resistance : Center Contact ≤ 1.5 m Ω

Outer Contact ≤ 0.4 m Ω

Mechanical :

Mating : Bayonet Coupling

Force to Engage and Disengage -

- Longitudinal Force : ≤ 3 lbs

- Torque : ≤ 2.5 in.lbs

Environmental :

Temperature Rating : -65°C to +165°C

Corrosion (Salt Spray) : MIL-STD-202, Method 101, Cond. C

Shock : MIL-STD-202, Method 213, Cond. G

Vibration (HF) : MIL-STD-202, Method 204, Cond. B

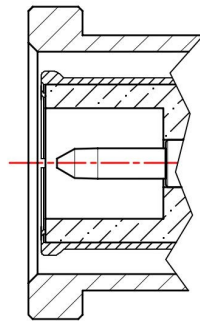
Thermal Shock : MIL-STD-202, Method 107, Cond. B

**For Commercial Grade Connector, Please Specify Your Electrical Parameter as It May Affect the Cost for Higher Frequency Application.

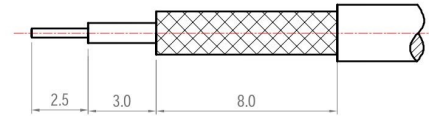
Finish [Unit of Plating Thickness Is in Micro Inch(μ)]

1. Nickel Plating Thk. : 80 μ " min. (Under Plating)

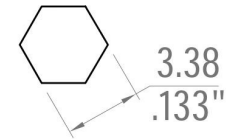
2. Gold Plating Thk. : 2 μ " max. (Over Finish 1)



Section A'-A'



Recommended Cable Stripping Dimensions



Recommended Crimping Dimensions for Ferrule

*RoHS and REACH are fully complied to create a greener planet for future generations.

ITEM	Description	Material	Finish	Part Number	QTY
5	Ferrule	Brass	Finish 1		
4	Inner Contact	Brass	Finish 1/2		
3	Insulator	PTFE	None		
2	Body	Brass	Finish 1		
1	Shell	Brass	Finish 1		

Scale	Abbr.	Date	Rev.
NTS	ST	2020/06/22	B
Tolerances : X ± 0.2 XX ± 0.1 XXX ± 0.05 Angular : X $\pm 1^\circ$			
Drawn	Checked	Approved	
2020/06/22	2020/06/22	2020/06/22	



DWG NO.	
Customer P/N:	C5045-174
TITLE	BNC S/T Plug, Single Crimp Type for RG174, 188, 316, LMR100, B7805A, URM95 Cable

