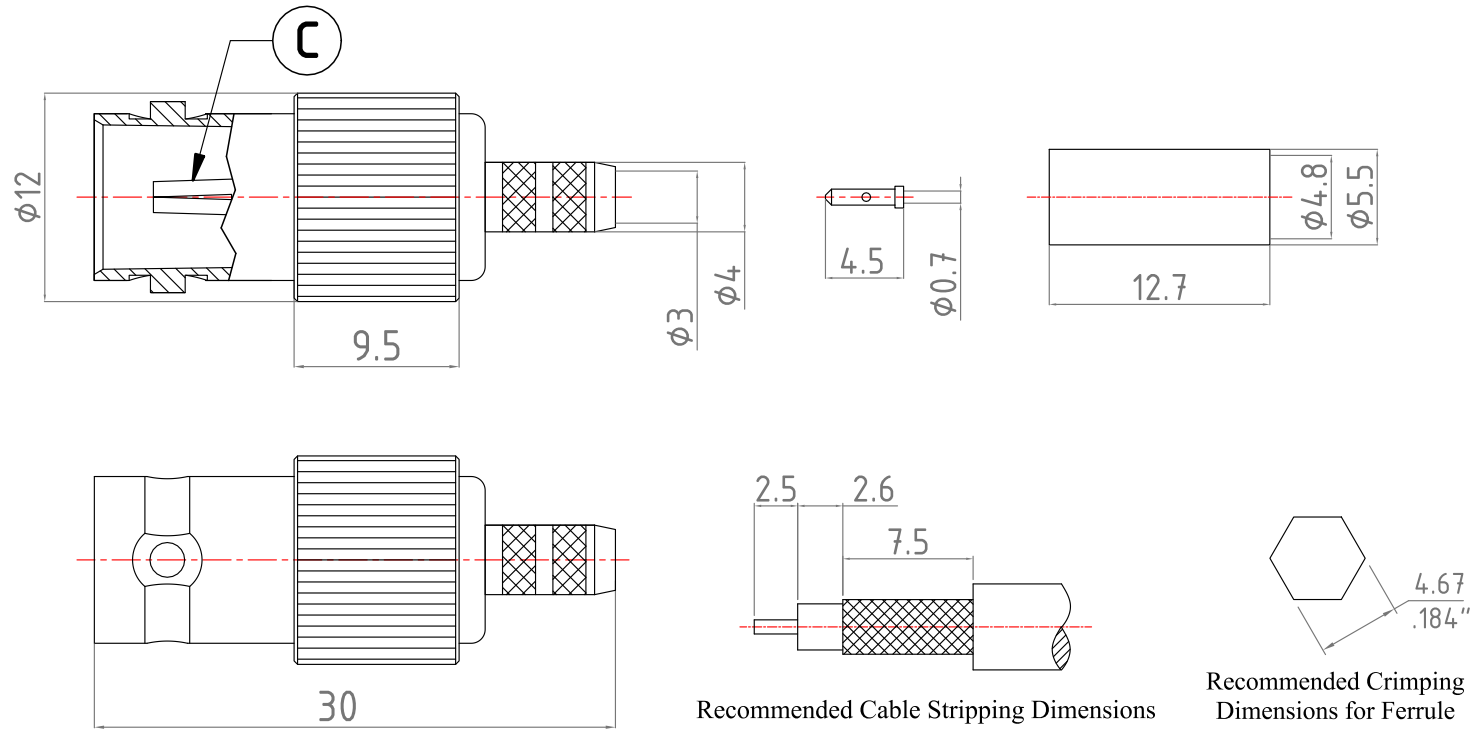


REVISIONS					REV	ZONE	ECO#	DESCRIPTION	DRAW	APPD	DATE
A			INITIAL RELEASE	AMY	G.SUN	5/21/2019					



Electrical :
 Impedance : 75 Ω
 Frequency Range : 0~12 GHz .
 Voltage Rating : ≥500 V rms. (depending on cable)
 Insulator Resistance : ≥5 GΩ
 Dielectric Withstanding Voltage : 1500 V rms .
 Contact Resistance : Center Contact ≤1.5 mΩ .
 Outer Contact ≤1 mΩ .

****(Remark):** The above electrical specification is tested by simulation software and it's for the connector only. It could be affected by those which can't work properly at higher frequency, such as cable, adapter, VNA, etc.

Mechanical :
 Mating : Bayonet Coupling.
 Engagement Force : 0.6~2.5 lbs

Environmental :
 Temperature Range : -65°C to 165°C
 Corrosion (Salt Spray) : MIL-STD-202, Method 101, Cond. C
 Thermal Shock : MIL-STD-202, Method 107, Cond. B
 Mechanical : MIL-STD-202, Method 213, Cond. G
 Vibration : MIL-STD-202, Method 204, Cond. B

- Notes :**
- Single Crimp: Recommended Dimensions Provided for Ferrule.
 Dual Crimp: Recommended Dimensions Provided for Ferrule and Inner Contact.
 - All Metal Materials Are in Compliance with RoHS 2 Directive 2011/65/EU Annex III Section 6 Paragraph.

Recommended Cable Stripping Dimensions

Recommended Crimping Dimensions for Ferrule

Finish [Unit of Plating Thickness Is in Micro Inch(μ)]
 1.Nickel Plating Thk. : 50 μ"min. (Under Plating)
 2.Gold Plating Thk. : 2 μ"max. (Over Finish 1)

ITEM	NAME	DESCRIPTION	QTY	UNIT
A	Body	Brass ; Finish 1	1	
B	Insulator	PTFE ; None	1	
C	Inner Contact	BeCu ; Finish 1/2	1	
D	Center Contact	Brass ; Finish 1/2	1	
E	Ferrule	Brass ; Finish 1	1	

TITLE BNC S/T Jack, Crimp Type for Belden 1855A Cable		PART NUMBER IPRF-HB-J18P0N01-AT-R		 2180 Hornig Road, Philadelphia, PA 19166
UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES TOLERANCE EXCEPT AS NOTED: ANGULAR ± X° DECIMAL .XX ± .1 DECIMAL .X ± .2 DECIMAL .XXX ± .05		DATE: AMY APPD: G.SUN DATE: 5/21/2019 REV: A		
THIRD ANGLE PROJECTION		DRAWING CODE: XXXXX SCALE: NTS SHEET 1 OF 1		NOTICE OF CONFIDENTIALITY THIS DRAWING IS THE PROPERTY OF PEI-GENESIS, ALL RIGHTS RESERVED. REPRODUCTION BY ANY MEANS OR DISTRIBUTION TO THIRD PARTIES IS STRICTLY PROHIBITED WITHOUT THE WRITTEN PERMISSION OF AN AUTHORIZED AGENT OF PEI-GENESIS.