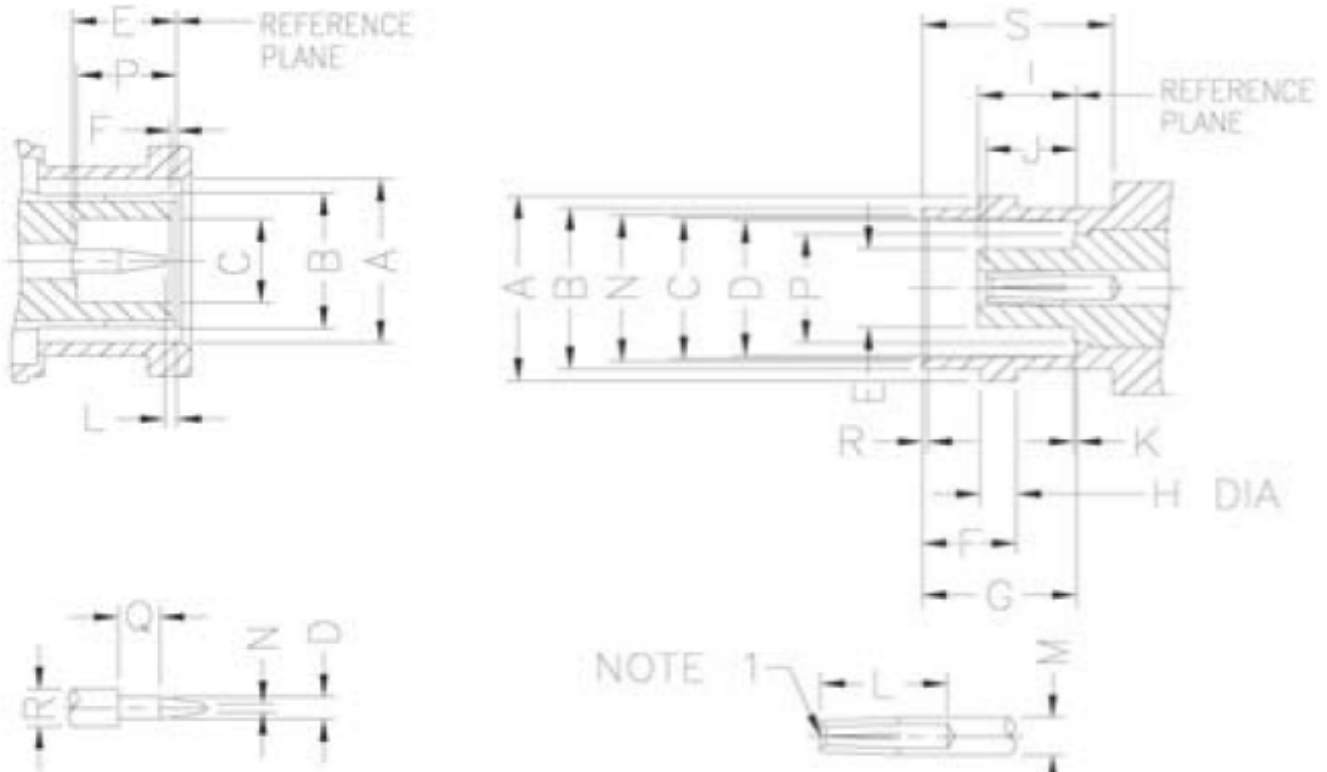




General

BNC connectors are characterized by their 2-stud quick connect/disconnect bayonet coupling arrangement. They are one of the most popular of the coaxial connectors and are suitable for a wide range of system, including Radio Telecommunication Systems, Medical Equipment, Computer Networks and Test Instrumentation.

INTERFACE MATING DIMENSIONS



Plug					
Letter	mm		Letter	mm	
	min.	max.		min.	max.
A	9.78	9.91	E	5.33	5.84
B	Fleard to meet Good Electrical Contact		F	0.15	0.46
			L	0.08	1.02
			N	---	0.64
C	4.83	---	P	5.28	5.79
D	1.32	1.37	Q	1.98	---
			R	2.06	2.21

Jack					
Letter	mm		Letter	mm	
	min.	max.		min.	max.
A	10.97	11.07	J	4.72	5.23
B	9.60	9.70	K	---	0.15
C	8.31	8.46	L	4.95	---
D	8.10	8.15	M	2.06	2.21
E	---	4.72	N	8.79	9.04
F	5.18	5.28	P	---	6.50
G	8.31	8.51	R	0.38	0.76
H	1.91	2.06	S	10.52	---
I	4.78	5.28	---	---	---

Note: I.D. to meet VSWR and contact resistance when mated with 0.94 / 0.99 mm Dia. Pin.

Cable Crimp BNC		
Part No.:	T55S1071	
Customer:		
DRW:	Dong	CHKD
APPD:	Ping	
MATL:	Chui	DATE
FINISH	Hui	Sheet
		30.10.2019
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Specifications

<i>Electrical</i>			
Impedance		50 Ω	75 Ω
Frequency Range		0 - 4 GHz	0 - 1 GHz
Working Voltage		500 VRMS max.	500 VRMS max.
Dielectric Withstanding Voltage		1500 VRMS min.	1500 VRMS min.
VSWR	Straight	1.3 max.	1.3 max.
	Right Angle	1.5 max.	1.5 max.
Contact Resistance	Center Contact	3 mΩ	3 mΩ
	Outer Contact	2 mΩ	2 mΩ
Insulator Resistance		5000 MΩ min.	5000 MΩ min.

<i>Material</i>		
Parts Name	Material	Finish
Body, Metal Parts	Brass per QQ-B-626	Nickel 70 micro-inches
Outer Contact	Brass per QQ-B-626	Gold 3 micro-inches
Center Contacts	Male: Brass per QQ-B-626	Gold 3 micro-inches
	Female: Phosphor Bronze per QQ-C-750	Gold 3 micro-inches
Insulators	Teflon, Delrin	None
Crimp Ferrules	Annealed Brass	Nickel 70 micro-inches
Clamp Gaskets	Silicone rubber	None

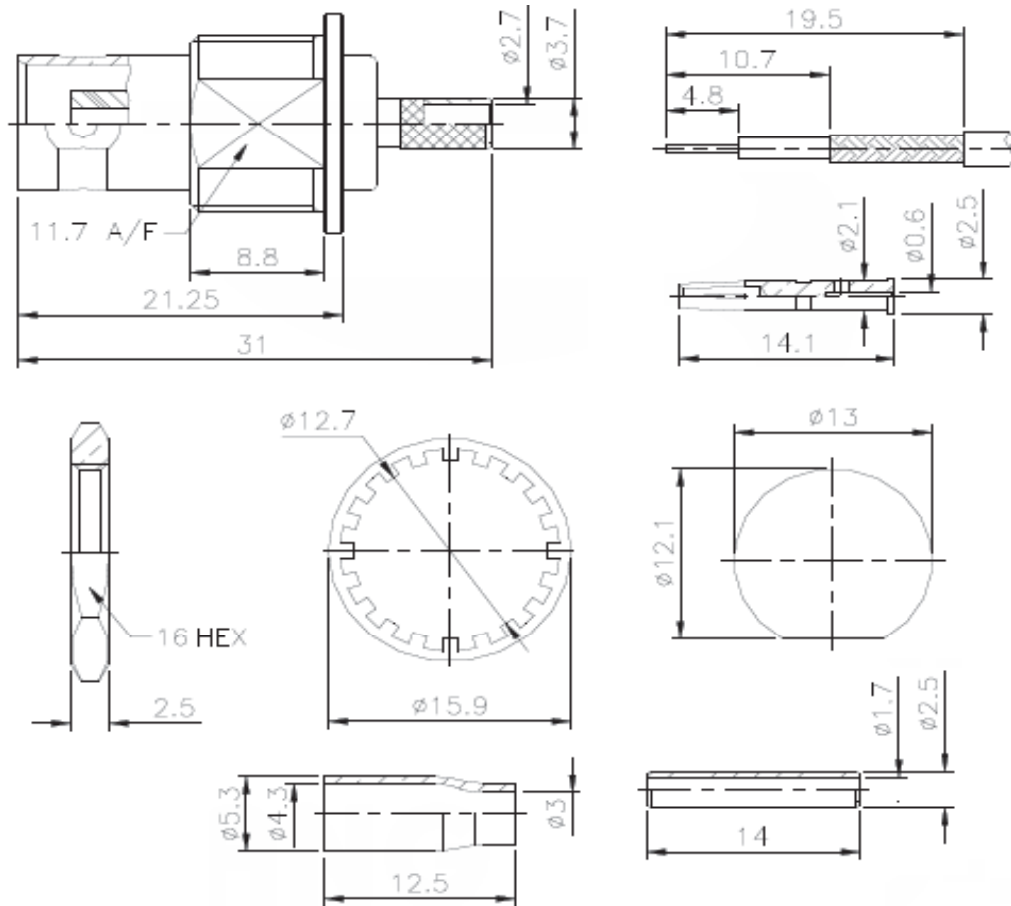
<i>Mechanical & Environmental</i>	
Engagement Force	2.5 in-lbs. max. torque
Disengagement Force	3 lbs. Max. axial force
Coupling Nut Retention	100 lbs. min.
Contact Retention	6 lbs. min.
Durability (Mating)	500 cycles
Temperature Range	-65°C ~ 165°C
Vibration	MIL-STD-202 Method 204 Test Cond. B
Salt Spray	MIL-STD-202 Method 101 Test Cond. B
Thermal Shock	MIL-STD-202 Method 107 Test Cond. B

Cable Crimp BNC	
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Technical Drawing



Odering Information

Serie	-	Cable Group	Impedance	No Function	RoHS	Packing
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T55S1071	-	Ax	50	XX	R	BU
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EDCON-Serie	-	Cable Types = RG-174/U, 188A/U, 316/U, LMR-100	50 = 50 Ω	XX	N = NON ROHS conform	BU = Bulk Ware
		Code Cable	75 = 75 Ω			
		A1 RG-174/U				
		A2 RG188A/U				
		A3 RG316/U				
		A4 LMR-100				

Cable Crimp BNC	
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