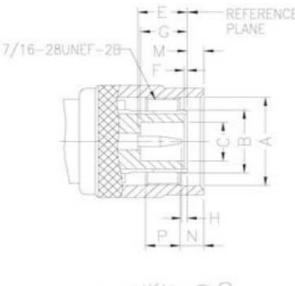


TNC connectors are designed with a Highly reliable threaded coupling to ensure additional protection against shocks and vibrations.

They are dimensionally and electrically similar to the BNC series, and are especially suitable for use in vibration exposed equipment such as commercial and military radio telecommunication systems, as well as avionic equipment which a highly durable coupling is needed.

TNC series is also widely use in medical equipment, computer and test instrumentation.

INTERFACE MATING DIMENSIONS

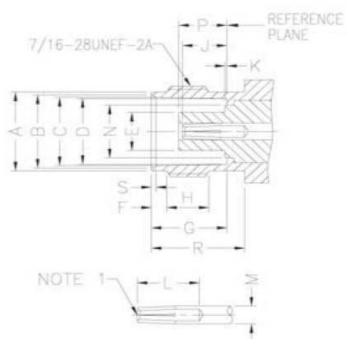




Plug								
Letter	m	m	Letter	m	m			
Letter	min.	max.	Letter	min.	max.			
Α	11.18		G	5.28	5.79			
	Flea	rd to	Η	0.08	1.02			
В	meet	Good	J	2.06	2.21			
Б	Elec	trical	K	1.98				
	Cor	ntact	М		1.98			
С	4.83		Ν	1.60				
D	1.32 1.37		Р	3.96				
E	5.33 5.84		Q		0.64			
F	0.15	0.46						

Note: I.D. to meet VSWR and contact resistance when mated with 1.32 / 1.37 mm Dia. Pin.

CHKD



Jack								
Letter	m	m	Letter	mm				
Letter	min.	max.	Letter	min.	max.			
Α	10.97	11.07	J	4.72	5.23			
В	9.60 9.70		K		0.15			
С	8.31 8.46		L	4.95				
D	8.10 8.15		М	2.06	2.21			
Е	4.72		Ν	8.79	9.04			
F	5.18 5.28		Р		6.50			
G	8.31 8.51		R	0.38	0.76			
Н	1.91 2.06		S	10.52				
I	4.78	5.28						

	Cable Clamp TNC						
	Part No.: T55T1024						
	Customer:						
MATL:	Chui	DATE 31.08.201					
FINISH	Hui	Sheet 1 from 3					

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Dong

Ping

DRW:

APPD:

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Chang





Specifications

Electrical							
Impedance		50 Ω	75 Ω				
Frequency Range		0 - 10 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.				
VOVIN	Right Angle	1.5 max.	1.5 max.				
Contact Resistance	Center Contact	3 mΩ	3 mΩ				
Contact Resistance	Outer Contact	2 mΩ	2 mΩ				
Insulator Resistance		5000 MΩ min.	5000 MΩ min.				

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

Mechanical & Environmetal						
Engagement Force	2 in-lbs. max.					
Disengangement Force	2 in-lbs. max.					
Coupling Nut Retention	100 lbs. min.					
Coupling Proof Torque	15 in-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 Clamp TNC		
					Part No.: T55T1024		
					Customer:		
DRW:	Dong	CHKD	Chang	MATL:	Chui DATE 31		31.08.2010
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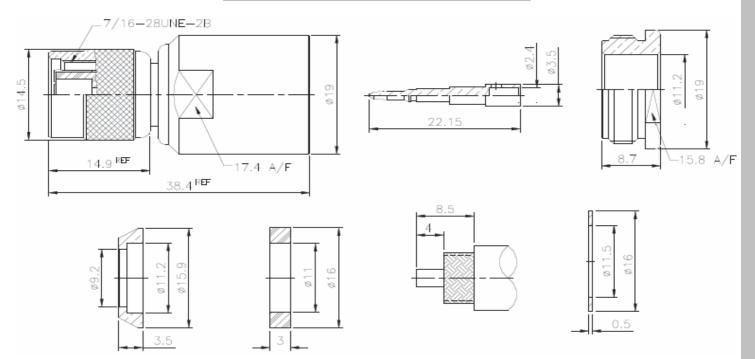
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Technical Drawing



Odering Information

Serie	-	Cable Group	Impedance	No Function	RoHS	Packing
T55T1024	-	В5	50	xx	R	BU
EDCON-Serie	-	B5	50	XX	Ν	BU
		=	=		=	=
		RG-214/U	50 Ω		no RoHS	Bulk Ware
			75		conform	IV
			=		R	=
			75 Ω		=	Individual
				-	RoHS	Packing
					conform	

					Cable Clamp TNC		
					Part No.: T55T1024		1024
					Customer:		
DRW:	Dong	CHKD	Chang	MATL:	Chui	DATE	31.08.2010
APPD:	Ping			FINISH	Hui	Sheet	3 from 3

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