

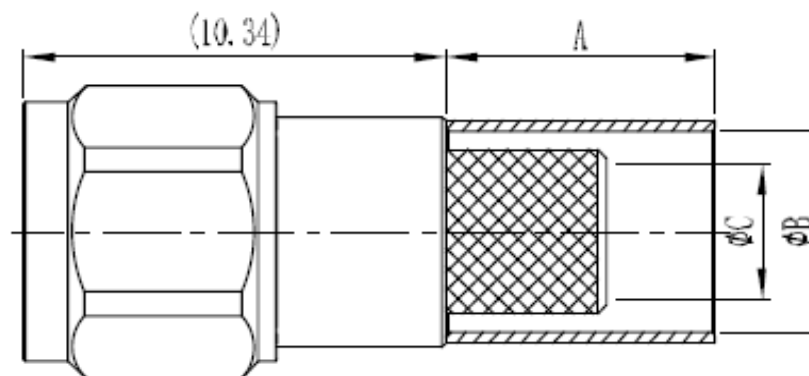
# EDCON-COMPONENTS



## Electric Data

Characteristic Impedance	50 Ohm
Frequency Range	0-11 GHz
Working Voltage	500 VRMS (max sea Level)
Dielectric Withstanding Voltage	1500 VRMS (min sea Level)
VSWR	Straight $\leq 1.30$
Contact Resistance	Inner: 1.5 milliohms (max.) Outer: 0.2 milliohms (max.)
Insulation Resistance	5000 Megaohms (min)

## Drawing ( dimensions all into mm)



## Mechanical Data

Durability Mating	500 Cycles (min)
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## Material Data

Connector Parts	Materials	Plating Finish
Body	Brass	Nickel or Silver
Male Pin	Brass	Gold or Silver
Insulators	PTFE	N/A
Clamp Gaskets	Silicone Rubber or Synthetic Rubber	N/A
Crimp Ferrules	Annealed Copper	Nickel or Silver

## PCB Layout

## Environmental Data

Temperature Range	-65 ~ +165°C
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**TNC Male Straight Crimp  
Hexagonal Type**

Part No.: **T55T1097-**

Note: We can provide other materials and plating specifications according to customers requirements

DRW:	Jason	CHKD	Wilson	MATL:	Wilson	TOLERANCE	Mason	DATE	19.12.2017
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## Ordering Informations

Serie	Impedance	Body Materials	Body Plating	Contact Pin Materials	Contact Pin Plating	Special function	ROHS	Packing			
<b>T55T1097-</b>	<b>50</b>	<b>BR</b>	<b>NI</b>	<b>BR</b>	<b>GO</b>	<b>A</b>	<b>R</b>	<b>BU</b>			

<b>50= 50Ω</b>	<b>BR= Brass Material</b>	<b>NI= Nickel Plated</b>	<b>BR= Brass Material</b>	<b>GO= Gold Plated</b>	<b>A=</b> A = 13.5 B = 11.2 C = 7.5	<b>R= ROHS Conform</b>	<b>BU= Bulk Ware</b>
		<b>SI= Silver Plated</b>		<b>SI= Silver Plated</b>	<b>B=</b> A = 13.5 B = 11.8 C = 7.6	<b>N= NON ROHS Conform</b>	<b>IV= Individual Package</b>

**A= 10/50S ( SYV-50-7-1, RG-8/U, 165/U, 213/U, 7D-FB, LMR400 )**  
**B= 11/50D ( SYV-50-7-2, RG-9/U, 214/U, 225/U )**

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