

# EDCON-COMPONENTS



## Electric Data

Characteristic Impedance	50 Ohm
Frequency Range	0-4 GHz(50Ω)
Working Voltage	250 VRMS (max sea Level)
Dielectric Withstanding Voltage	750 VRMS (min sea Level)
VSWR	1.34 Max
Contact Resistance	Inner: 6milliohms (max.) Outer: 1milliohms (max.)
Insulation Resistance	1000 Megaohms (min)

## Mechanical Data

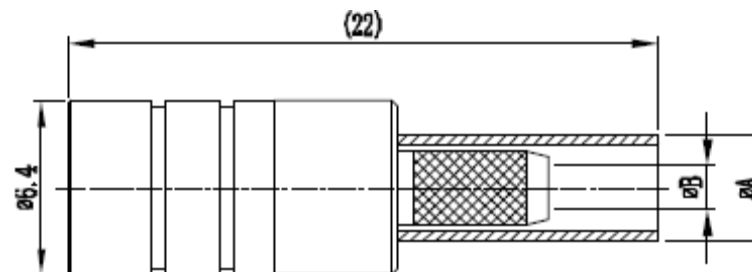
Durability Mating	500 Cycles (min)
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## Material Data

Connector Parts	Materials	Plating Finish
Body	Brass	Gold
Female Pin	Beryllium Bronze	Gold
Insulators	PTFE	N/A
Ferrules	Copper alloy	Nickel
Spring Contact	Beryllium Bronze	Gold

## PCB Layout

## Drawing ( dimensions all into mm)



## Environmental Data

Temperature Range	-65 ~ +165°C
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**SMB 50ohm Male Straight Crimp Type**

Part No.: **T55K1042-**

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

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Customer:

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## Ordering Informations

Serie	Impedance	Contact Pin Plating	Body Material	Body Plating	Special function	Special function	ROHS	Packing		
<b>T55K1042-</b>	<b>50</b>	<b>G0</b>	<b>BR</b>	<b>G0</b>	<b>A</b>	<b>N</b>	<b>R</b>	<b>BU</b>		

<b>50= 50Ω</b>	<b>G0= Gold Plated</b>	<b>BR= Brass Material</b>	<b>G0= Gold Plated</b>	<b>A=</b> A=2,8/B=1,6	<b>N=No Special</b>	<b>R= ROHS Conform</b>	<b>BU= Bulk Ware</b>		
				<b>B=</b> A=3,4/B=1,6		<b>N= NON ROHS Conform</b>	<b>IV= Individual Package</b>		
				<b>C=</b> A=3,1/B=1,6					
				<b>D=</b> A=5,2/B=3,1					

- A= 2.6/50S ( SFF-50-1.5-1, RG-174/U, 188A/U, 316/U, LMR-100A )**
- B= 2.6/50D ( RG-316DT, RD-316 )**
- C= 3/50S ( SYV-50-2-1 )**
- D= 5/50S ( SFF-50-3-1, SYV-50-3, RG-58/U, 141A/U, LMR-195, LMR-200 )**

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