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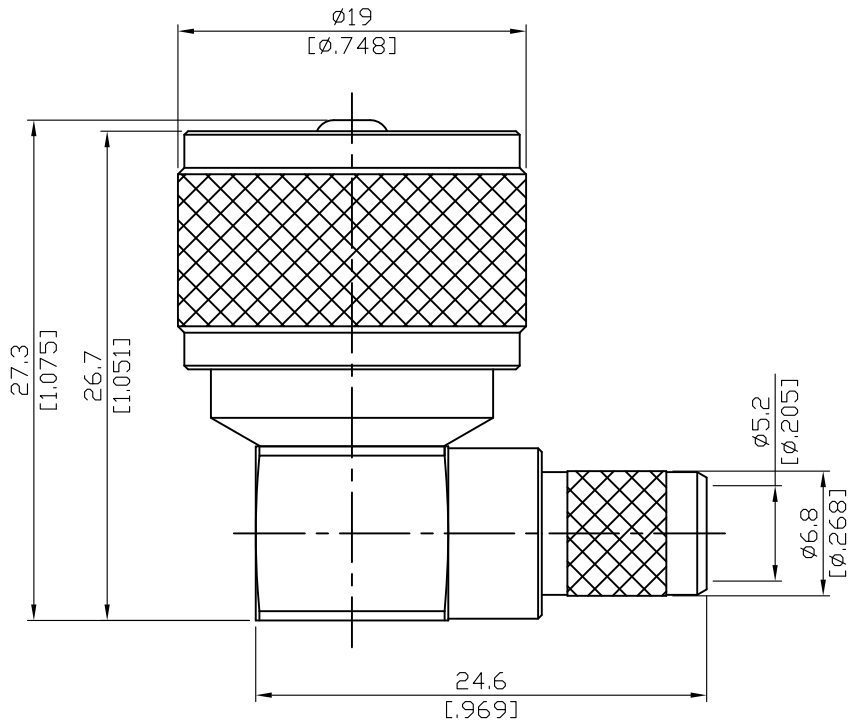
UHF3100-95DF	UHF plug crimp for 5DFB and Aircell 7 300MHz VSWR 1.2	50Ω



Parts	Material	Plating (Micro-inch)
Coupling Nut	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Body	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Insulator	Teflon	
Contact Pin	Brass	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Barrel	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Retainer Ring	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Nut	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Ferrule	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50

Suitable Cables: 5DFB; Aircell 7

This part number complies with RoHS.

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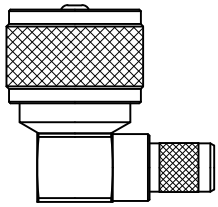
UHF	UHF3100-95DF
Interface	
IEC 60169-12	
Electrical Data	
Impedance	Non constant
Frequency range	300MHz
VSWR	≦1.2 (DC to 300MHz)
Insulation resistance	≧5000MΩ
Contact resistance inner conductor	≦5mΩ
Contact resistance outer conductor	≦3mΩ
Dielectric withstanding voltage (at sea level)	2000 V rms
Working Voltage (at sea level)	750 V rms
Power Handling	400W (300MHz)
Environmental Data	
Temperature range	-65°C to +165°C
Thermal shock	MIL-STD-202, Method 107, Condition B
Moisture resistance	MIL-STD-202, Method 106
Corrosion	MIL-STD-202, Method 101, Condition B
RoHS	
Tooling	
Crimping tool	CRT-1 or CRT-2
Crimp insert	INSERT-D

JYE BAO CO., LTD.

CABLE ASSEMBLY INSTRUCTION

UHF3100-95DF	DATE	2020/12/20	REV	—

A

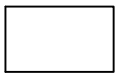


BODY

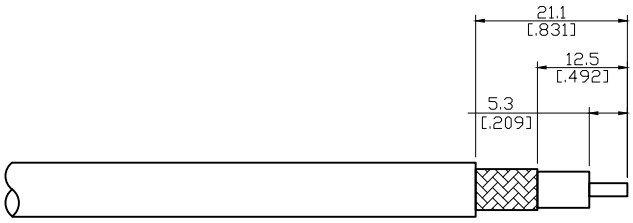
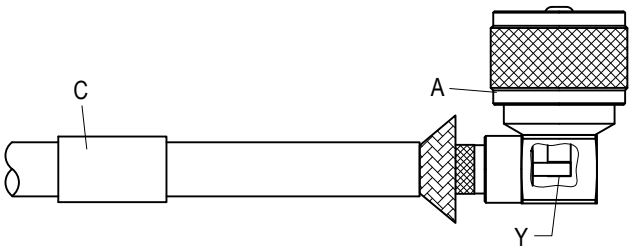
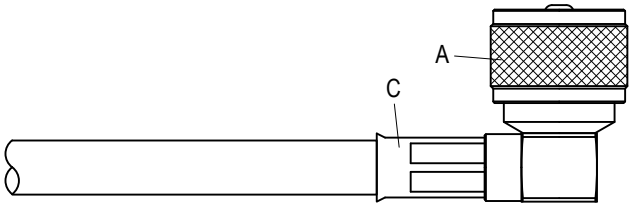
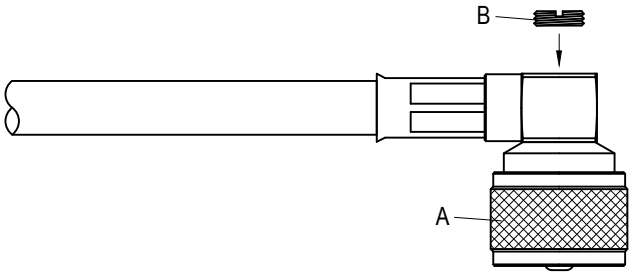
B

COVER

C



FERRULE

DIAGRAM	ASSEMBLY INSTRUCTION
	Step 1: STRIP AS SHOWN.
	Step 2: SLIDE FERRULE " C " OVER CABLE. Step 3: WRAP THE BRAIDING UPWARDS. Step 4: SLIDE CENTER CONDUCTOR ON THE CONTACT PIN OF CONNECTOR " A " AND SOLDER IN " Y ".
	Step 5: SLIDE FERRULE " C " TOWARDS THE CONNECTOR " A " AND CRIMP. (USE 7.9mm/0.311inch HEX SECTION OF INSERT-D)
	Step 6: FINALLY SCREW " B " ON THE CONNECTOR BODY " A ".

This part number complies with RoHS.

Notice: JYEBAO reserves the right to make modifications deemed appropriate.

APPROVED	CHECKED	DRAWING
		Albert