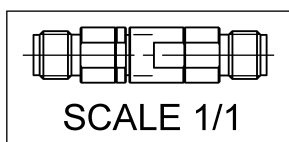
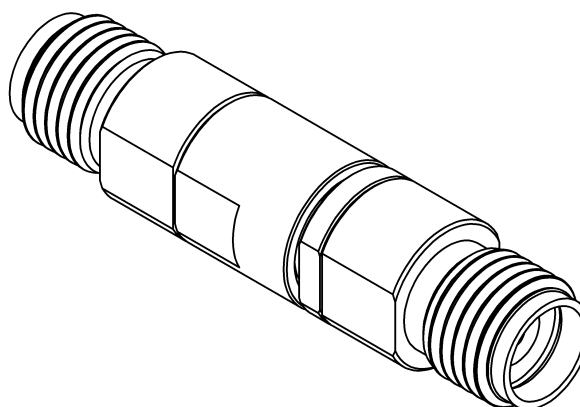
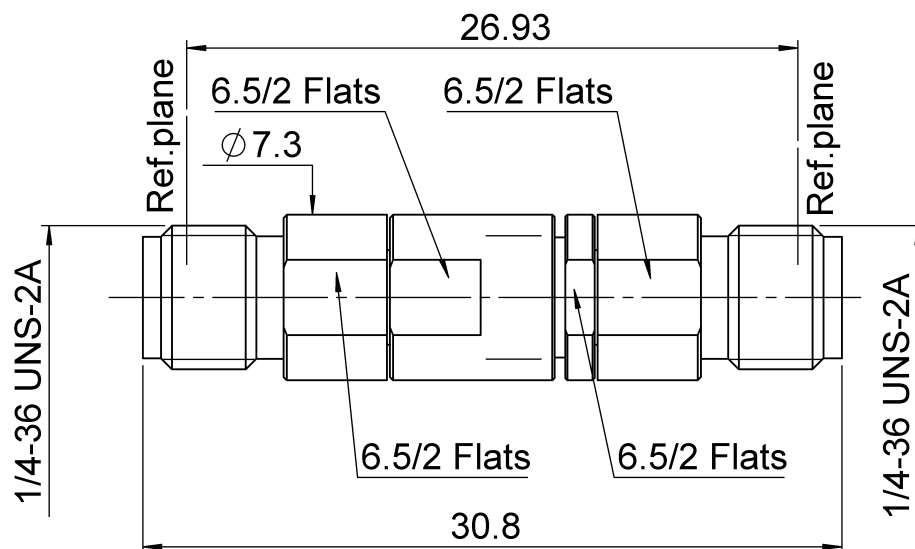


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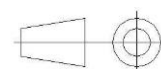
ISSUE 08-10-19A

SERIES DIVERS

PART NUMBER R299764000



All dimensions are in mm. Tolerances according ISO 2768 m-H



COMPONENTS	MATERIALS	PLATING ( $\mu\text{m}$ )
Body	STAINLESS STEEL, BRASS	GOLD OVER NICKEL
Center contact	BERYLLIUM COPPER	GOLD OVER NICKEL
Outer contact		
Insulator	PEEK	
Gasket		
Others parts		
-	-	-
-	-	-

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ISSUE **08-10-19A**

SERIES **DIVERS**

PART NUMBER **R299764000**

## PACKAGING

Standard	Unit	Other
<b>1</b>	<b>Contact us</b>	<b>Contact us</b>

## ELECTRICAL CHARACTERISTICS

Impedance	<b>50</b>	$\Omega$
Frequency	<b>0-18</b>	GHz
VSWR	<b>* + 0.0000</b>	x F(GHz) Maxi
Insertion loss	<b>**</b>	$\sqrt{F}$ (GHz) dB Maxi
RF leakage	<b>- ( NA</b>	- F(GHz) dB Maxi
Voltage rating	<b>90</b>	Veff Maxi
Dielectric withstanding voltage	<b>130</b>	Veff mini
Insulation resistance	<b>5000</b>	M $\Omega$ mini

## MECHANICAL CHARACTERISTICS

Center contact retention		
Axial force – Mating End	<b>27</b>	N mini
Axial force – Opposite end	<b>27</b>	N mini
Torque	<b>NA</b>	N.cm mini
Recommended torque		
Mating	<b>NA</b>	N.cm
Panel nut	<b>NA</b>	N.cm
Mating life	<b>500</b>	Cycles mini
Weight	<b>6.8940</b>	g

## ENVIRONMENTAL

Operating temperature	<b>-55/+125</b>	°C
Hermetic seal	<b>NA</b>	Atm.cm3/s
Panel leakage	<b>NA</b>	

## SPECIFICATION

## OTHER CHARACTERISTICS

Assembly instruction:**NA**

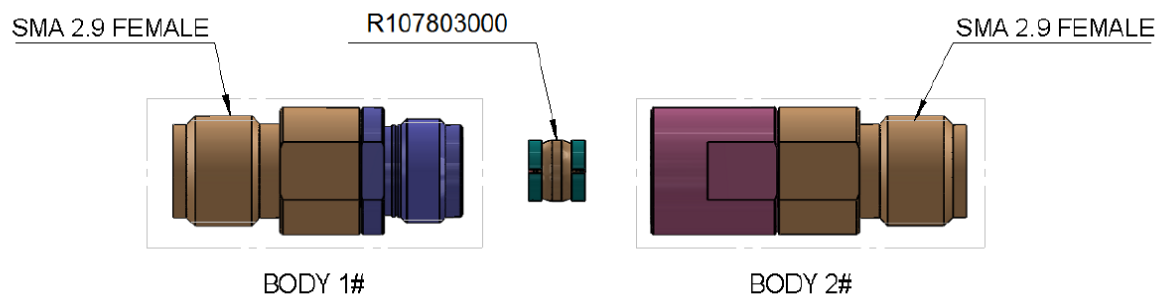
Others:

**\*1.3 Maxi DC-12GHz WITH R107803000**

**\*1.5 Maxi 12-18GHz WITH R107803000**

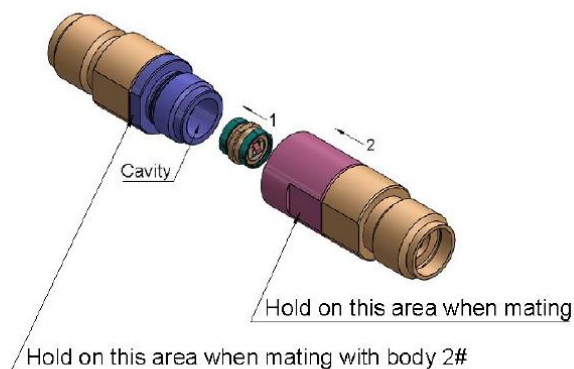
**\*\* TBD WITH R107803000**

COMPONENTS



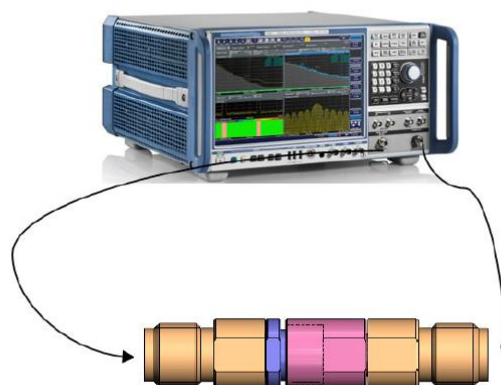
**1**

- Hold the body 1# of the measuring connector.
- Put R107803000 into the cavity.
- Screw the body 2# onto body 1#
- Recommended tightening torque: 90N.cm Maxi



**2**

- Connect the assembly obtained to the terminals of a spectrum analyzer.
- Measure the V.S.W.R.
- To have V.S.W.R measurement of R107803000, make gates closer to it.



# Mouser Electronics

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Radial:

[R299764000](#)