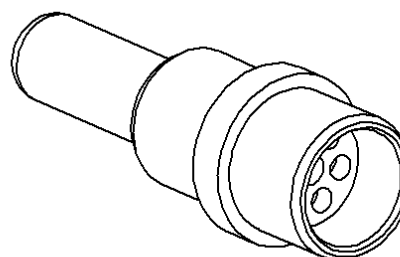
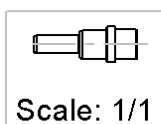
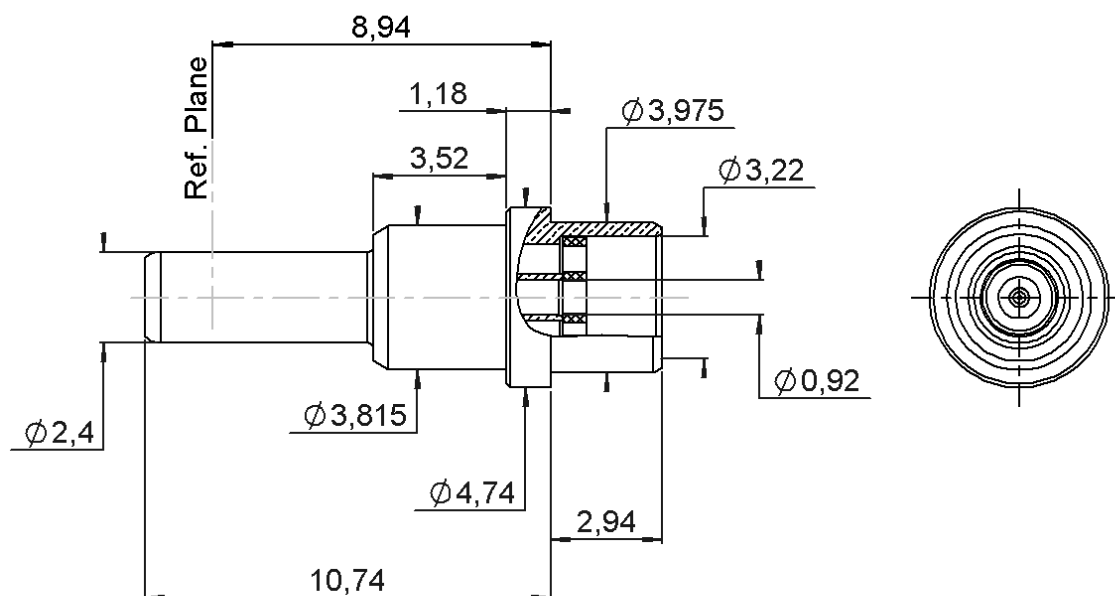


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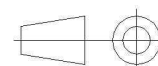
ISSUE 29-10-19A

SERIES MCC #12

PART NUMBER R199012063



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



COMPONENTS	MATERIALS	PLATING (µm)
Body	BRASS	GOLD OVER NICKEL
Center contact	BERYLLIUM COPPER	GOLD OVER NICKEL
Outer contact	-	-
Insulator	PTFE+PEEK	-
Gasket	-	-
Others parts	-	-
-	-	-
-	-	-

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ISSUE **29-10-19A**

SERIES **MCC #12**

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### PACKAGING

Standard	Unit	Other
<b>100</b>	<b>Contact us</b>	<b>Contact us</b>

### ELECTRICAL CHARACTERISTICS

Impedance	<b>50</b>	$\Omega$
Frequency	<b>0-40</b>	GHz
VSWR	<b>* + 0,0000</b>	x F(GHz) Maxi
Insertion loss	<b>0.12</b>	$\sqrt{F}$ (GHz) dB Maxi
RF leakage	<b>- ( **</b>	- F(GHz)) dB Maxi
Voltage rating	<b>335</b>	Veff Maxi
Dielectric withstanding voltage	<b>500</b>	Veff mini
Insulation resistance	<b>5000</b>	M $\Omega$ mini

### MECHANICAL CHARACTERISTICS

Center contact retention		
Axial force – Mating End	<b>7</b>	N mini
Axial force – Opposite end	<b>7</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
Clamp nut	<b>NA</b>	N.cm
A/F clamp nut	<b>0,0000</b>	mm
Mating life	<b>500</b>	Cycles mini
Nominal Weight	<b>0,0000</b>	g
(Add +15% for max weight)		

### ENVIRONMENTAL

Operating temperature	<b>-65/+165</b>	°C
Hermetic seal	<b>NA</b>	Atm.cm3/s
Panel leakage	<b>NA</b>	

### SPECIFICATION

### CABLE ASSEMBLY

Stripping	a	b	c	d	e	f
mm	<b>2</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Assembly instruction:

Recommended cable(s)

**SHF3M**

Characteristics indicated on this data sheet are those that can be achieved with the highest performance cable. Intrinsic limitations of the cable may diminish the performance of the assembly

Cable retention

- pull off	<b>40</b>	N mini
- torque	<b>NA</b>	N.cm

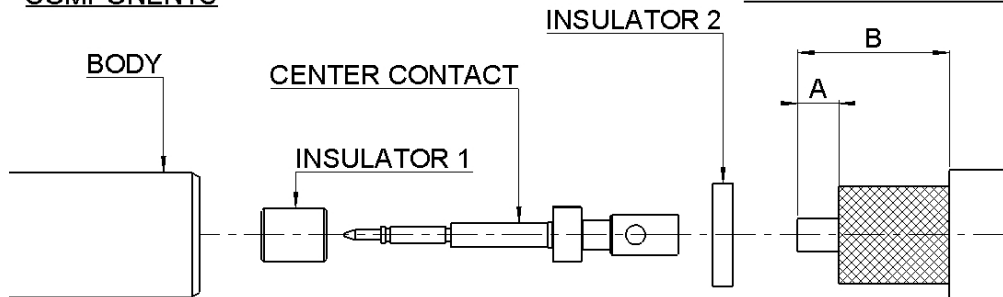
### TOOLING

Part Number	Description	Hexagon
.	.	.

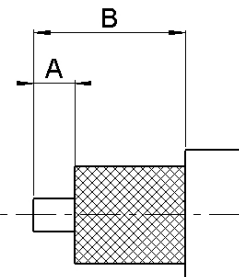
### OTHER CHARACTERISTICS

**\*1.15 (DC-26 GHz)1.25 (26GHz-40GHz )**  
**\*\* -80dB (DC-3 GHz) -65dB (3 GHz-26GHz)**

### COMPONENTS

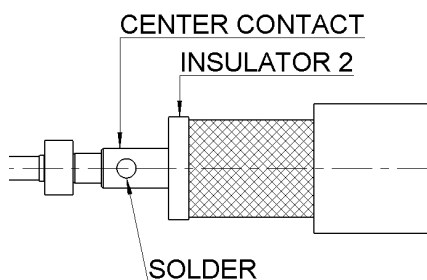


### STRIPPING DIMENSIONS



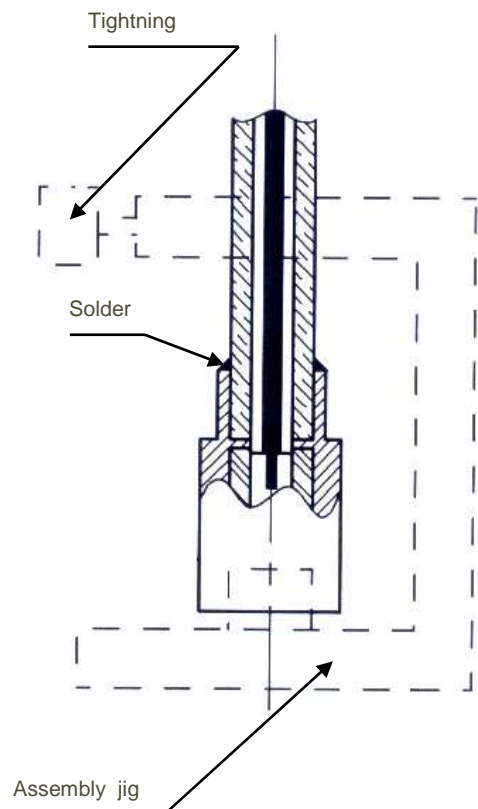
1

Strip the Cable .  
Slide the Insulator 2 onto the inner conductor cable .  
Slide the Center contact until it contacts the insulator 2.  
Solder the Center contact .



3

Slide cable into connector body until it contacts the body shoulder.  
Place sub assembly into the assembly jig : R282.740.000 (or equivalent)  
Solder body onto cable.  
Let the assembly cool down before removing it from the jig.  
Clean the solder area.



2

Slide the Insulator 1 onto the Center contact .

