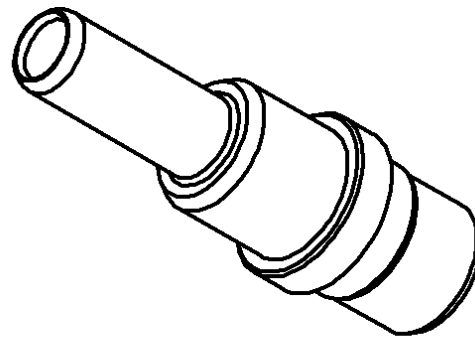
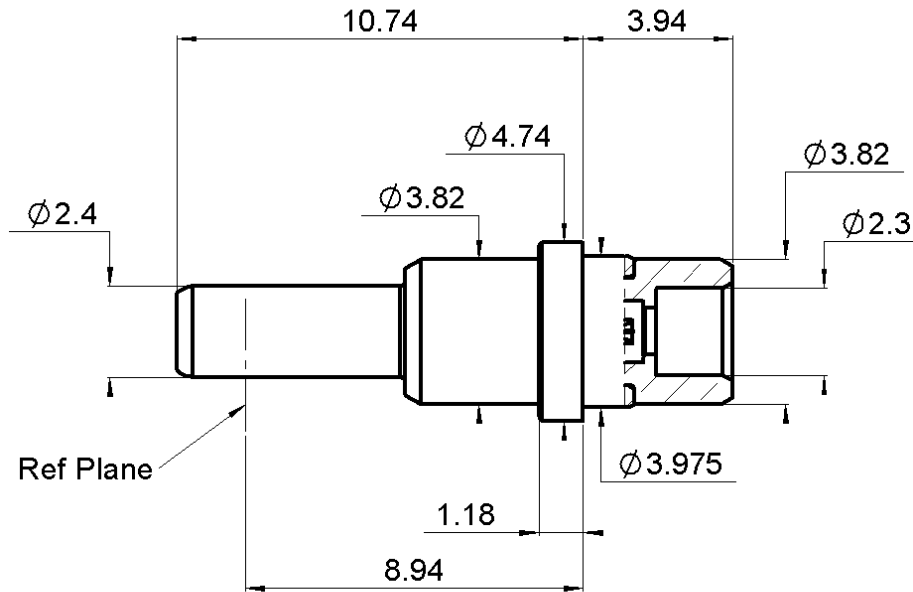


**STRAIGHT JACK SOLDER TYPE**  
**FOR CABLE .085 - EPXB SERIES**

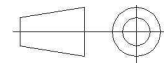
**R199.012.083**

Series : MCC #12



Scale 1/1

All dimensions are in mm.



COMPONENTS	MATERIALS	PLATING (μm)
BODY	BERYLLIUM COPPER	GOLD 1.3 OVER NICKEL 2
CENTER CONTACT	BERYLLIUM COPPER	GOLD 1.3 OVER NICKEL 2
OUTER CONTACT	-	-
INSULATOR	PTFE+PEEK	-
GASKET	-	-
OTHERS PARTS	BERYLLIUM COPPER	GOLD 0.5 OVER NICKEL 2
-	-	-
-	-	-

Issue : 1042 A

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**RADIAL** 

**STRAIGHT JACK SOLDER TYPE**  
**FOR CABLE .085 - EPXB SERIES**

**R199.012.083**

Series : MCC #12

**PACKAGING**

Standard	Unit	Other
<b>100</b>	<b>'W' option</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>	$\sqrt{F}(\text{GHz})$ 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
Weight	<b>0,8200</b> g

**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	1,80	0,00	0,00	0,00	0,00	0,00

Assembly instruction :

Recommended cable(s)  
 .086  
 RG 405

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****See page3**

Part Number	Description	Hexagon
.	.	.

**OTHER CHARACTERISTICS**

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

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**RADIAL** 

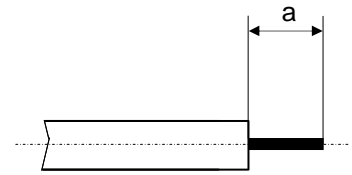
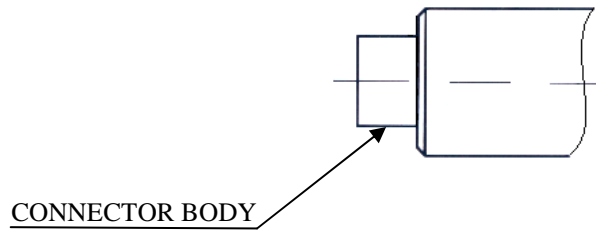
**STRAIGHT JACK SOLDER TYPE  
FOR CABLE .085 - EPXB SERIES**

**R199.012.083**

Series : MCC #12

**COMPONENT**

**STRIPPING DIMENSION**

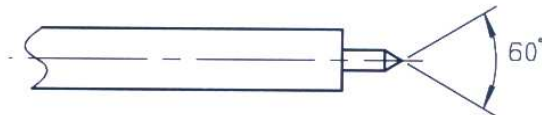


We recommend a thermal preconditioning of the cable.

**1**

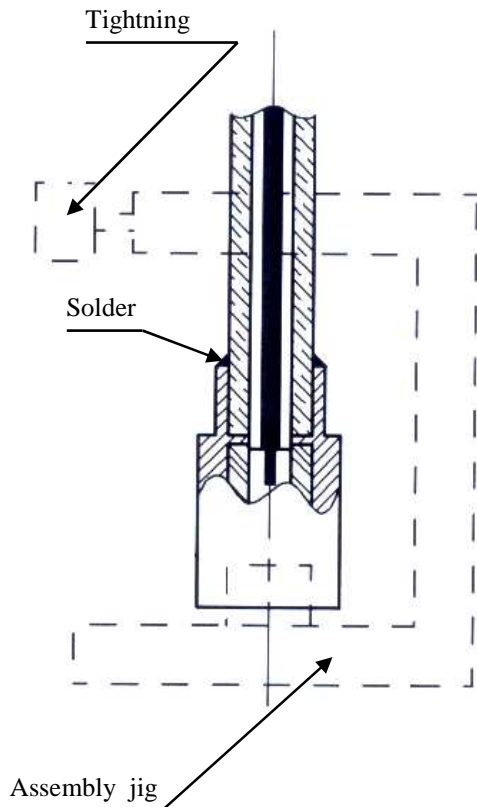
Strip the cable.

Trim cable center conductor.



**2**

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.



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