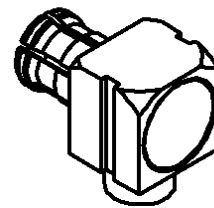
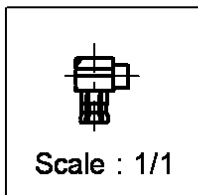
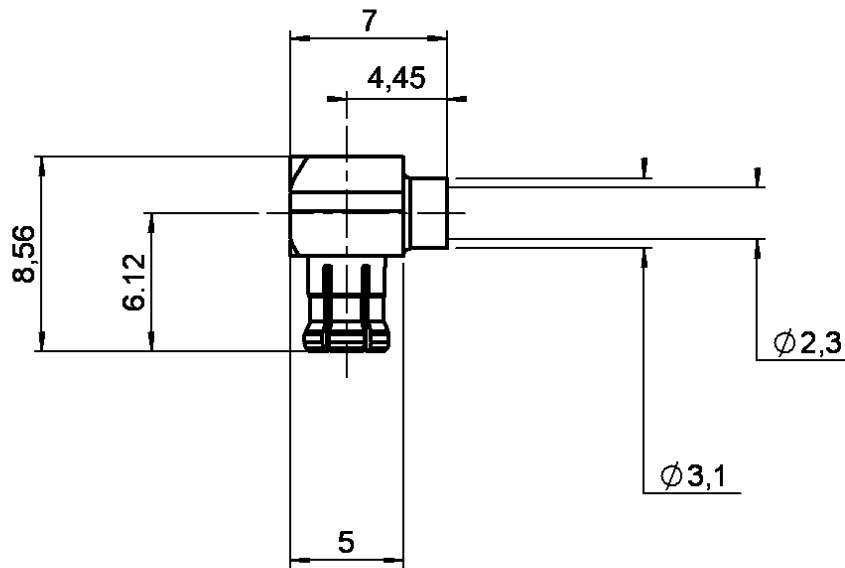


RIGHT ANGLE PLUG SOLDER TYPE

R113.153.020

CABLE .085

Series : MCX



All dimensions are in mm.



COMPONENTS	MATERIALS	PLATINGS (µm)
BODY	BRASS	BBR 2
CENTER CONTACT	BRASS	.GOLD 1.3 OVER NICKEL 2
OUTER CONTACT	BERYLLIUM COPPER	BBR 2
INSULATOR	PTFE	
GASKET	-	
OTHERS PARTS	BRASS	BBR 2
-	-	-
-	-	-

Issue : 0108 F

In the effort to improve our products, we reserve the right to make changes judged to be necessary.



RIGHT ANGLE PLUG SOLDER TYPE

R113.153.020

CABLE .085

Series : **MCX**

PACKAGING

Standard	Unit	Other
100	-	Contact us

SPECIFICATION

ELECTRICAL CHARACTERISTICS

Impedance		50 Ω
Frequency		0-6 GHz
VSWR	1.10 +	0,0750 x F(GHz) Maxi
Insertion loss		0.5 \sqrt{F} (GHz) dB Maxi
RF leakage	- (NA - F(GHz)) dB Maxi
Voltage rating		250 Veff Maxi
Dielectric withstanding voltage		750 Veff mini
Insulation resistance		1000 MΩ mini

CABLE ASSEMBLY

Stripping	a	b	c	d	e	f
mm	3,20	2,20	0,00	0,00	0,00	0,00

Assembly instruction :

Recommended cable(s)
RG 405
KS 1

Cable retention

- pull off **155** N mini
- torque **NA** N.cm

MECHANICAL CHARACTERISTICS

Center contact retention		
Axial force – Mating end	10	N mini
Axial force – Opposite end	10	N mini
Torque	NA	N.cm mini

TOOLING

Part Number	Description	Hexagon
.	.	.
R282.740.020	SOLDERING MOUNTING	
R282.864.000	POSITIONER	
R282.868.000	EXTRACTION ASSEMBLY TOOL	Outil extracteur

Recommended torque		
Mating	NA	N.cm
Panel nut	NA	N.cm
Clamp nut	NA	N.cm
A/F clamp nut	0,0000	mm

Mating life	500	Cycles mini
Weight	0,8070	g

OTHERS CHARACTERISTICS

-

ENVIRONMENTAL

Operating temperature	-55/+115	° C
Hermetic seal	NA	Atm.cm3/s
Panel leakage	NA	

Issue : **0108 F**

In the effort to improve our products, we reserve the right to make changes judged to be necessary.



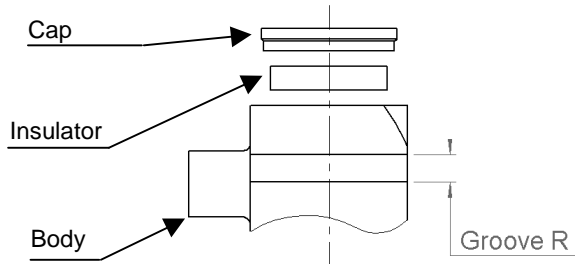
RIGHT ANGLE PLUG SOLDER TYPE

R113.153.020

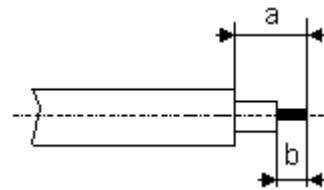
CABLE .085

Series : MCX

COMPONENTS



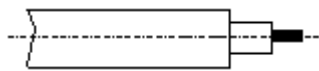
STRIPPING DIMENSIONS



We recommend a thermal preconditioning cable

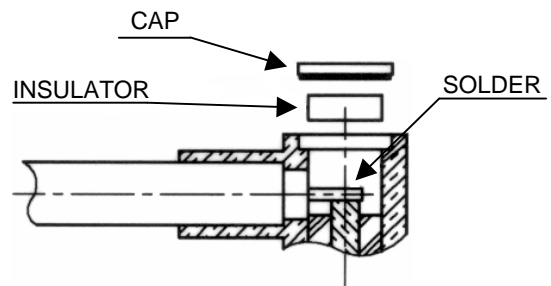
1

Strip the cable.
To clean the cable.
To tin cable inner conductor.



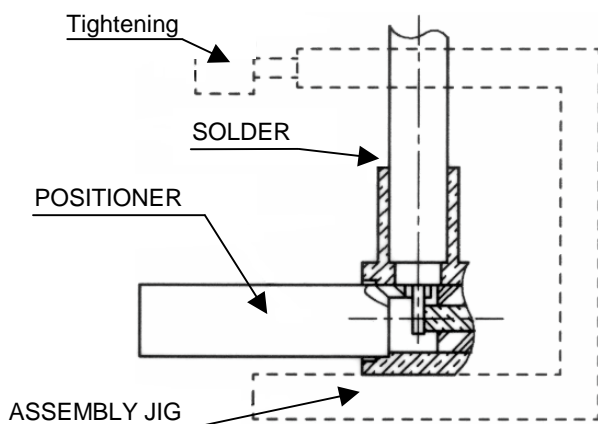
3

To solder cable inner conductor into the centre contact.
To clean soldering area.
Introduce the insulator into the body.
Press fit the cap.



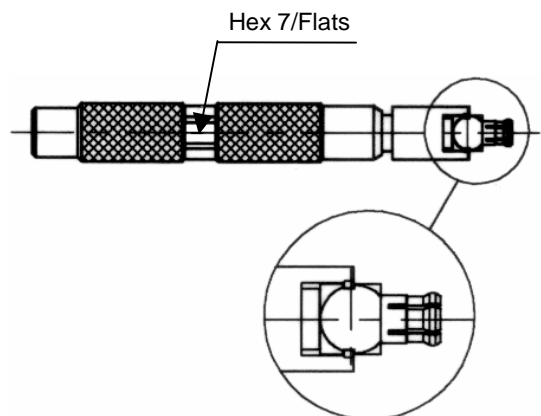
2

Introduce the positioner (R282.864.000) and the cable into the connector body until contact with the body shoulder, place the sub assembly into the assembly jig (R282.740.020) and tighten it.
Solder body on the cable and let assembly cool down before removing it from the jig.
To clean soldering area.



4

Slide mounting tool R282.868 onto the body grooves.
Press fit the cap turning tool handle with adapted wrench 7 mm (cap in the same plan than square face).



Issue : 0108 F

In the effort to improve our products, we reserve the right to make changes judged to be necessary.

