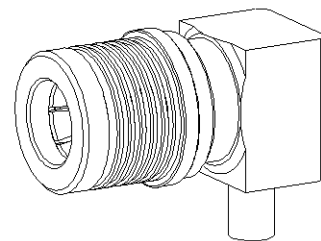
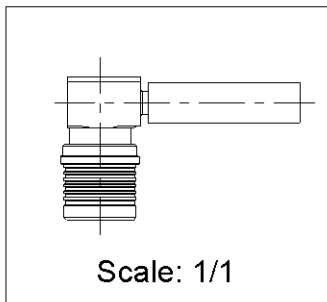
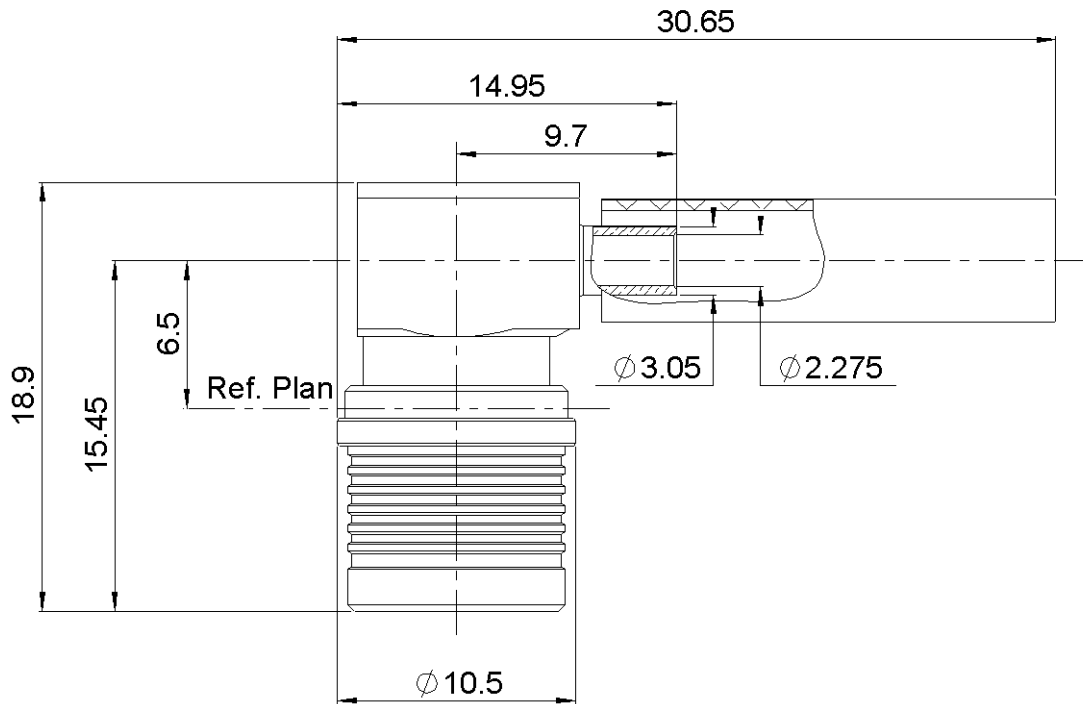
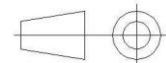


PAGE 1/4	ISSUE 15-05-15C	SERIES WQMA	PART NUMBER R123W153000
----------	-----------------	-------------	--------------------------------



All dimensions are in mm.



COMPONENTS	MATERIALS	PLATING (µm)
Body	BRASS	BBR BRASABLE
Center contact	BRASS	NPGR
Outer contact	BRONZE	BBR
Insulator	PTFE	
Gasket	SILICONE RUBBER	
Others parts	BRASS	BBR
-	-	-
-	-	-

PAGE 2/4	ISSUE 15-05-15C	SERIES WQMA	PART NUMBER R123W153000
----------	-----------------	-------------	-------------------------

PACKAGING

Standard	Unit	Other
100	Contact us	Contact us

ELECTRICAL CHARACTERISTICS

Impedance		50	Ω
Frequency		0-6	GHz
VSWR	1.02 + 0.0200		x F(GHz) Maxi
Insertion loss		0.05	√F(GHz) dB Maxi
RF leakage	- (***80	- F(GHz)) dB Maxi
Voltage rating		335	Veff Maxi
Dielectric withstanding voltage		750	Veff mini
Insulation resistance		5000	MΩ mini

MECHANICAL CHARACTERISTICS

Center contact retention			
Axial force – Mating End		18	N mini
Axial force – Opposite end		27	N mini
Torque		NA	N.cm mini
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	100		Cycles mini
Weight	8.4200		g

ENVIRONMENTAL

Operating temperature	-40/+105	°C
Hermetic seal	NA	Atm.cm3/s
Panel leakage	NA	

SPECIFICATION

CABLE ASSEMBLY

Stripping	a	b	c	d	e	f
mm	3.17	0	0	0	0	0
mm	3.17	0	14*	0	0	0

* for jacketed cable

Assembly instruction:

Recommended cable(s)

RG 405

KS 1

HC60000-3

ALL RG405 HAND FORMABLE JACKETED

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	130	N mini
- torque	NA	N.cm

TOOLING

Part Number	Description	Hexagon
R282051000	STRIPPING TOOL	
R282063000	POINTER GAUGE	
R282740000	SOLDERING MOUNTING	
R282761000	ASSEMBLY FIXTURE FOR	WQMA END CAP
R282744420	SOLDERING POSITIONER	

OTHER CHARACTERISTICS

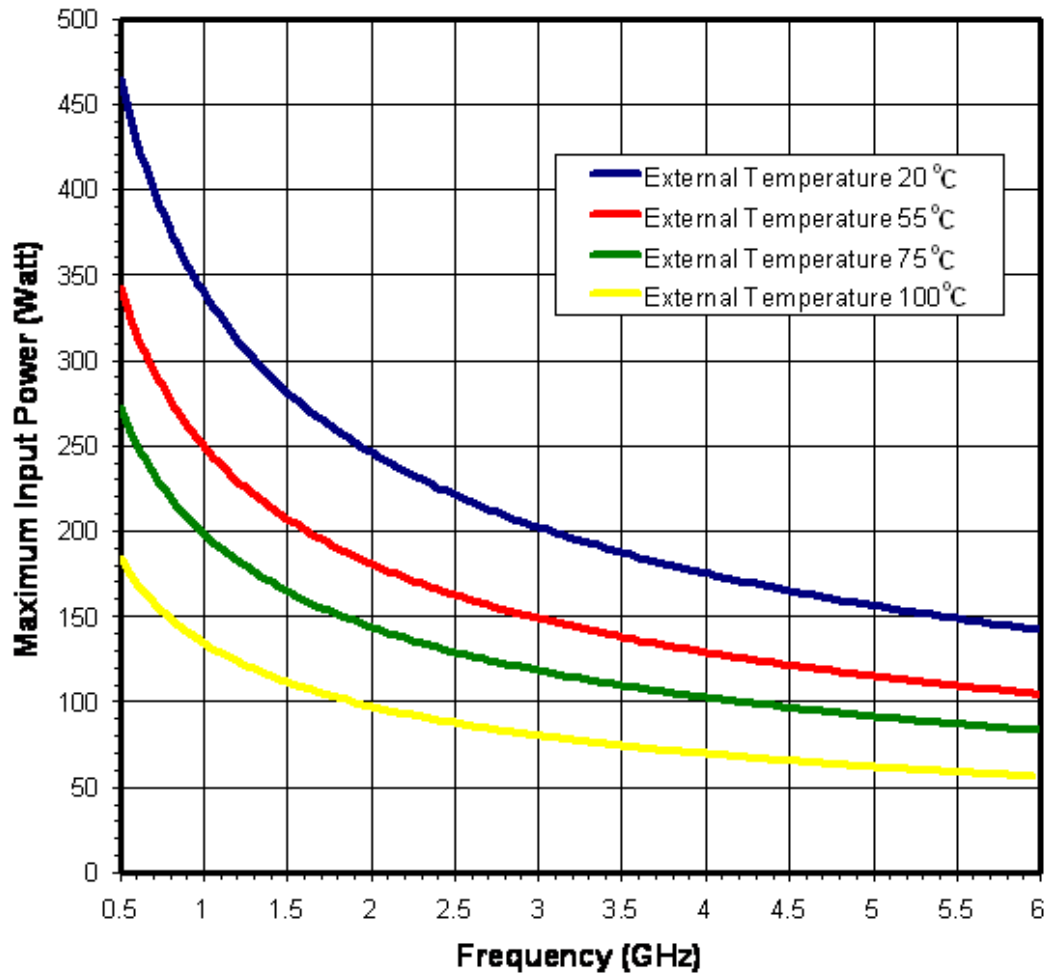
***Interface ingress protection: IP68(IEC60529) mated condition**

****Intermod.:>120dBc at 1.8GHz (2 x 20W)**

*****RF Leakage(interface) 3<F<6GHz:>70dB**

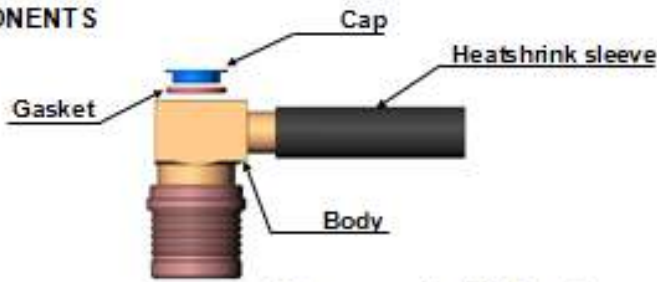
PAGE 3/4	ISSUE 15-05-15C	SERIES WQMA	PART NUMBER R123W153000
----------	-----------------	-------------	-------------------------

POWER DERATING

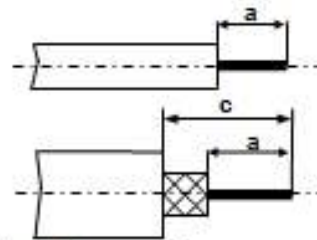


PAGE 4/4	ISSUE 15-05-15C	SERIES WQMA	PART NUMBER R123W153000
----------	-----------------	-------------	-------------------------

COMPONENTS



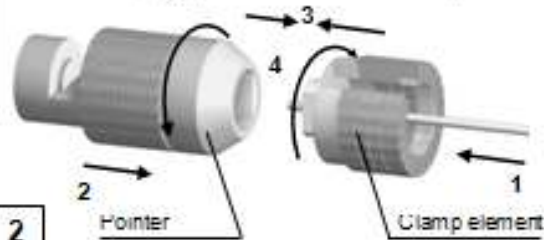
STRIPPING DIMENSIONS



We recommend a cable thermal preconditioning before assembly

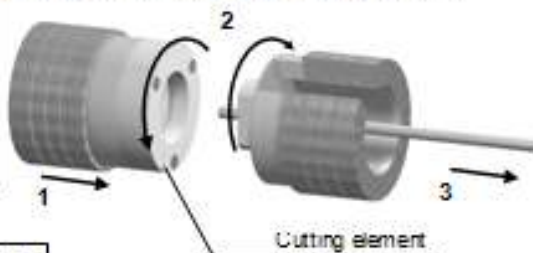
1

For cables with a jacket, remove this one according to the quotation C before using the recommended tool. Insert the cable into the clamping element. Present the pointer in front of the clamping element. Push the cable until it stops, while holding the clamping element pushed on the hollow part of the pointer. Turn the clamping part until the release of the pointer.



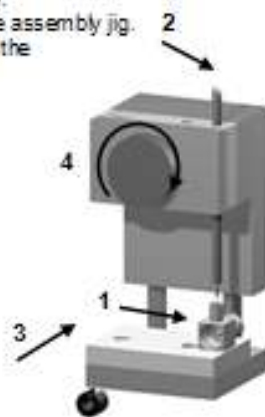
2

Present the cutting element in front of the cutting element. Push and turn both elements, back part opposite to the front part. Once they reach the stop, pull without revolving.



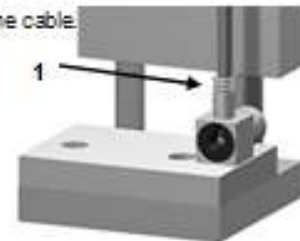
3

Insert the cable into the body. Secure the positioner into the assembly jig. Place the sub-assembly into the assembly jig. Tighten.



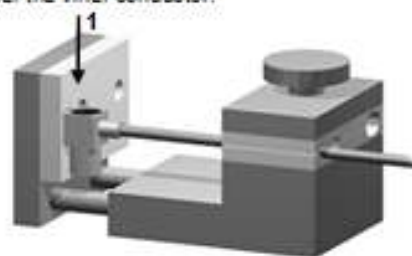
4

Put three rings of solder around the cable. Solder the body onto the cable.



5

After cooling, remove the assembly from the jig. Remove the positioner. Solder the inner conductor.



6

Place the connector into the tool. Place the gasket and the cap into the body. Press on the cap flush or slightly below the surface of the body assembly. Slide the sleeve over the body and heatshrink it in place.

