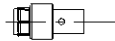
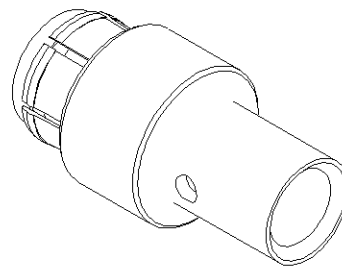
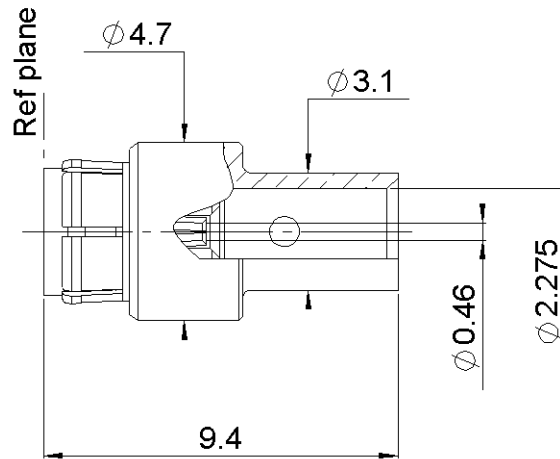


STRAIGHT PLUG SOLDER TYPE

R223.062.000

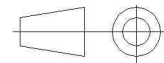
CABLE .085

Series : MMBX



Scale 1/1

All dimensions are in mm.



COMPONENTS	MATERIALS	PLATING (μm)
BODY	BRASS	NPGR
CENTER CONTACT	BERYLLIUM COPPER	NPGR
OUTER CONTACT	BERYLLIUM COPPER	NPGR
INSULATOR	PTFE	
GASKET		
OTHERS PARTS		
-	-	-
-	-	-

Issue : 0736 B

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


RADIALL®

STRAIGHT PLUG SOLDER TYPE

R223.062.000

CABLE .085

Series : MMBX

PACKAGING

Standard	Unit	Other
100	'W' option	Contact us

ELECTRICAL CHARACTERISTICS

Impedance	50	Ω
Frequency	0-12.4	GHz
VSWR	1.22 + 0,0000	x F(GHz) Maxi
Insertion loss	0.12	$\sqrt{F}(\text{GHz})$ dB Maxi
RF leakage	- (100)	- F(GHz)) dB Maxi
Voltage rating	250	Veff Maxi
Dielectric withstanding voltage	750	Veff mini
Insulation resistance	1000	M Ω mini

MECHANICAL CHARACTERISTICS

Center contact retention	
Axial force – Mating end	10 N mini
Axial force – Opposite end	10 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	0,4930 g

ENVIRONMENTAL

Operating temperature	-55/+155 °C
Hermetic seal	NA Atm.cm3/s
Panel leakage	NA

SPECIFICATIONCABLE ASSEMBLY

Stripping	a	b	c	d	e	f
mm	1,50	0,00	0,00	0,00	0,00	0,00

Assembly instruction :

Recommended cable(s)
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	136 N mini
- torque	NA N.cm

TOOLING

Part Number	Description	Hexagon
.	.	.
R282.051.000	STRIPPING TOOL	
R282.062.000	POINTER GAUGE	
R282.740.000	SOLDERING MOUNTING	

OTHER CHARACTERISTICS

Interface MMBX only up to 2.5 GHz
 VSWR 1.04+0.01xF(GHz) : 0 at 6GHz
 VSWR 1.10+0.01xF(GHz) : 6 at 12.4GHz

Issue : 0736 B

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**RADIALL**®

STRAIGHT PLUG SOLDER TYPE

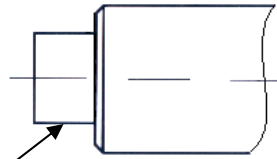
CABLE .085

R223.062.000

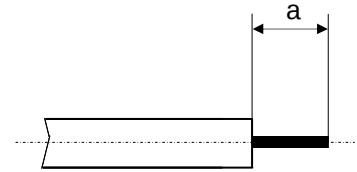
Series : MMBX

COMPONENT

STRIPPING DIMENSION



CONNECTOR BODY



We recommend a thermal preconditioning cable.

1

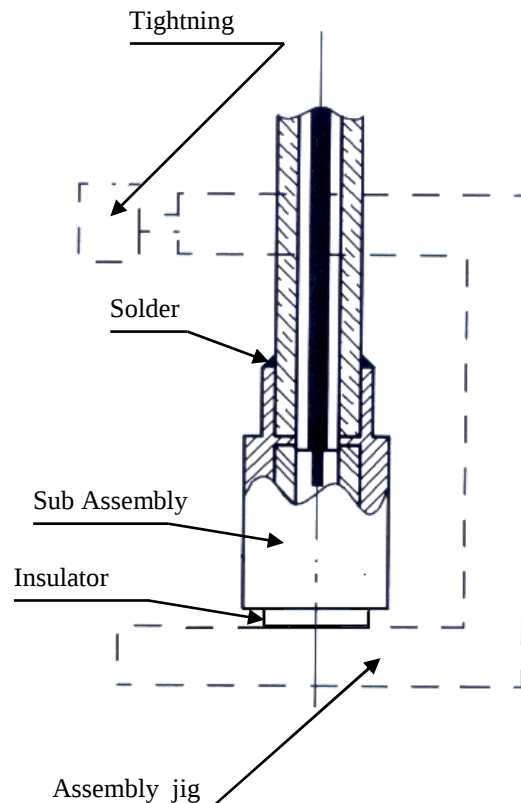
Strip the cable.
Stripping tool : R282.051.000 .
Positioner : R282.062.000 .

Trim cable center conductor.
Trimmer : R282.062.000 .



2

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



Issue : 0736 B

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