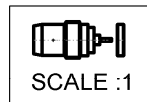
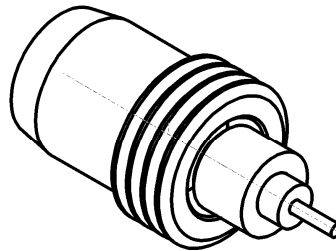
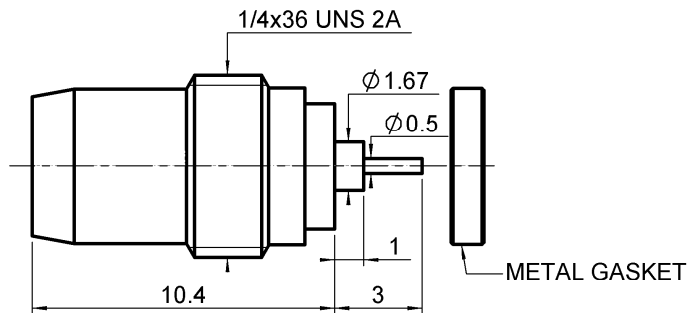


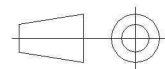
SCREW-ON MALE RECEPTACLE
HERMETIC-WITH CYLINDRICAL CONTACT

R128.639.020

Series : BMA



All dimensions are in mm.



COMPONENTS	MATERIALS	PLATINGS (μm)
BODY	STAINLESS STEEL	GOLD 0.5 OVER NICKEL 2
CENTER CONTACT	BERYLLIUM COPPER	GOLD 1.3 OVER NICKEL2
OUTER CONTACT	-	-
INSULATOR	PTFE	-
GASKET	A-G4MC	-
OTHERS PARTS	-	-
-	-	-
-	-	-

Issue : 1411 B

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



SCREW-ON MALE RECEPTACLE
HERMETIC-WITH CYLINDRICAL CONTACT

R128.639.020Series : **BMA****PACKAGING**

Standard	Unit	Other
1	-	Contact us

SPECIFICATION**ELECTRICAL CHARACTERISTICS**

Impedance	50	Ω
Frequency	0-22	GHz
VSWR	1.04 + 0,0090	x F(GHz) Maxi
Insertion loss	0.03	$\sqrt{F}(\text{GHz})$ dB Maxi
RF leakage	NA	- F(GHz)) dB mini
Voltage rating	500	Veff Maxi
Dielectric withstanding voltage	1500	Veff mini
Insulation resistance	5000	M Ω mini

ENVIRONMENTAL

Operating temperature	-65/+125	$^{\circ}\text{C}$
Hermetic seal	10-8	Atm.cm ³ /s
Panel leakage	NA	

OTHERS CHARACTERISTICSAssembly instruction **NA**Others :
-**MECHANICAL CHARACTERISTICS**

Center contact retention	
Axial force – Mating end	27 N mini
Axial force – Opposite end	27 N mini
Torque	NA N.cm mini
Recommended torque	
Mating	NA N.cm
Panel nut	280 N.cm
Mating life	1000 Cycles mini
Weight	1,2320 g

Issue : 1411 B

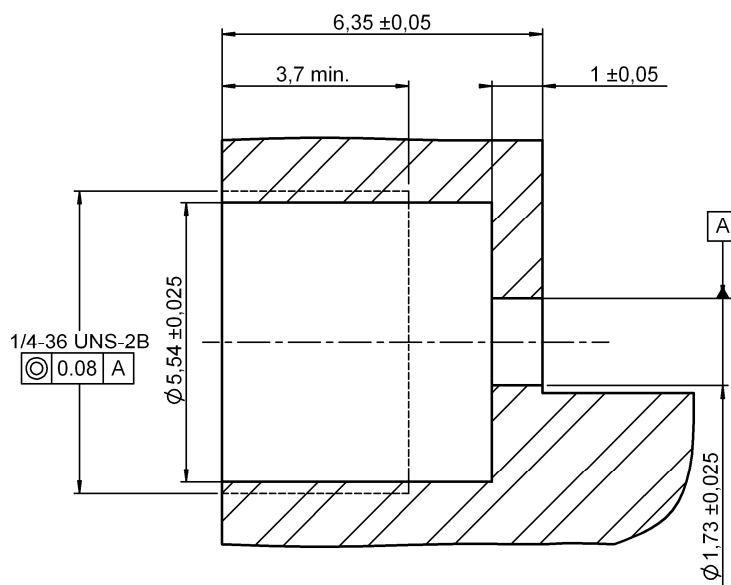
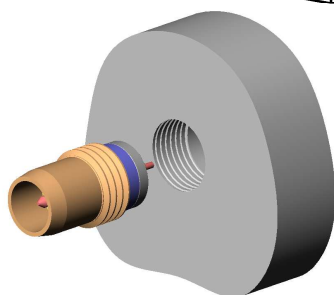
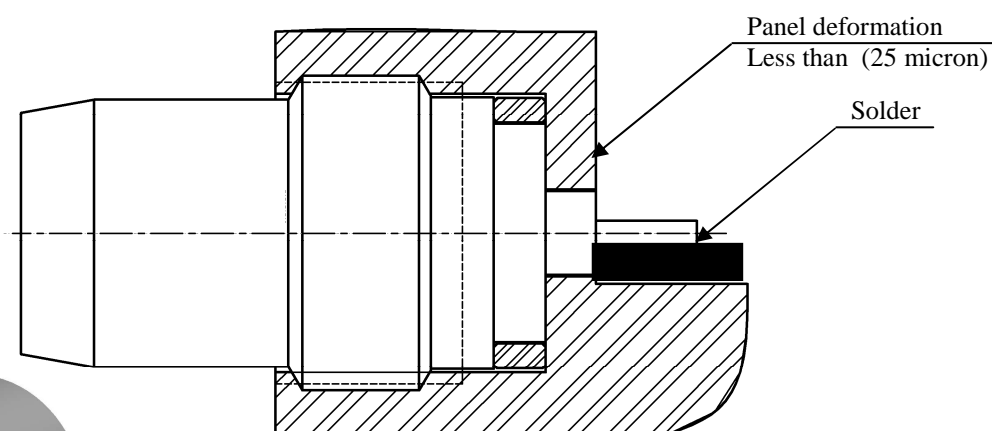
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**RADIALL®**

SCREW-ON MALE RECEPTACLE
HERMETIC-WITH CYLINDRICAL CONTACT

R128.639.020

Series : BMA

PANEL DRILLING**MOUNTING HOLE DETAIL**

Assemble metal gasket onto connector. Screw both parts into the housing. Tighten the connector up to 280 Ncm torque (use special tooling set RADIAL R282 340). Thus the connection hermeticity is guaranteed at $1 \cdot 10^{-5} \text{ atm.cm}^3/\text{sec}$. Then solder the pin. Be careful not put too much solder.

Issue : 1411 B

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Mouser Electronics

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