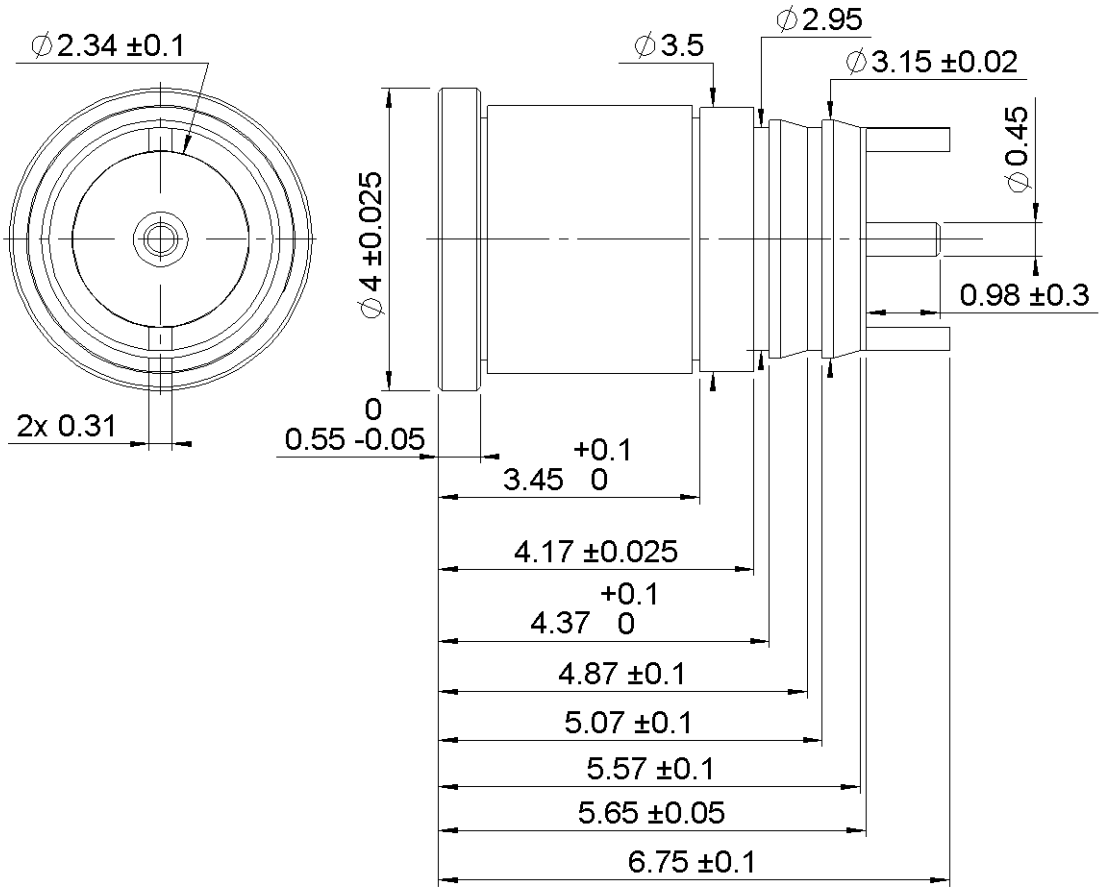
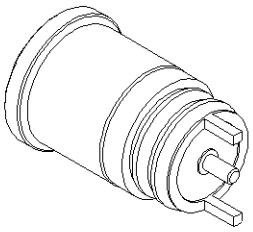
Technical Data Sheet

STRAIGHT PLUG RECEPTACLE WITH CYLINDRICAL CONTACT

PAGE **1/2**	ISSUE **12-04-19B**	SERIES **MOEBIUS**	PART NUMBER **R199006453**





Scale:1/1

Tolerance of all above dimensions is ±0.05 unless otherwise specified.

All dimensions are in mm. Tolerances according ISO 2768 m-H

COMPONENTS	MATERIALS	PLATING (μm)
Body	**BRASS**	**NPGR**
Center contact	**BRASS**	**NPGR**
Outer contact		
Insulator	**PTFE**	
Gasket		
Others parts	**BERYLLIUM COPPER**	**NPGR**
-	-	-
-	-	-

This document contains proprietary information and such information shall not be disclosed to any third party for any purpose whatsoever or used for manufacturing purposes without prior written agreement from Radiall. The data defined in this document are given as an indication, in the effort to improve our products; we reserve the right to make any changes judged necessary.

PACKAGING

Standard	Unit	Other
100	**Contact us**	**Contact us**

ELECTRICAL CHARACTERISTICS

Impedance			**50**	Ω
Frequency			**0-6**	GHz
VSWR	**1.05**	**+**	**0.0500**	x F(GHz) Maxi
Insertion loss			**0.2**	√F(GHz) dB Maxi
RF leakage		- (	**NA**	- F(GHz)) dB Maxi
Voltage rating			**250**	Veff Maxi
Dielectric withstanding voltage			**500**	Veff mini
Insulation resistance			**3000**	MΩ mini
Contact resistance				
Center contact			**6**	mΩ Maxi
Outer contact			**2**	mΩ Maxi

MECHANICAL CHARACTERISTICS

Center contact retention		
Axial force – Mating End	**NA**	N mini
Axial force – Opposite end	**NA**	N mini
Torque	**NA**	N.cm mini
Recommended torque		
Mating	**NA**	N.cm
Panel nut	**NA**	N.cm
Mating life	**25000**	Cycles mini
Nominal Weight (Add +15% for max weight)	**0.2100**	g

ENVIRONMENTAL

Operating temperature	**-40/+110**	°C
Hermetic seal	**NA**	Atm.cm3/s
Panel leakage	**NA**	

SPECIFICATION

1080050291 rev A

OTHER CHARACTERISTICS

Assembly instruction:**NA**

Others:
***Mating force**
Insertion 8-18 N
Extraction 8-18 N

This document contains proprietary information and such information shall not be disclosed to any third party for any purpose whatsoever or used for manufacturing purposes without prior written agreement from Radiall. The data defined in this document are given as an indication, in the effort to improve our products; we reserve the right to make any changes judged necessary.