Technical Data Sheet

SMA FEMALE FLANGE TEST PROBE FOR MML H2.X RECEPTACLES MEASUREMENT

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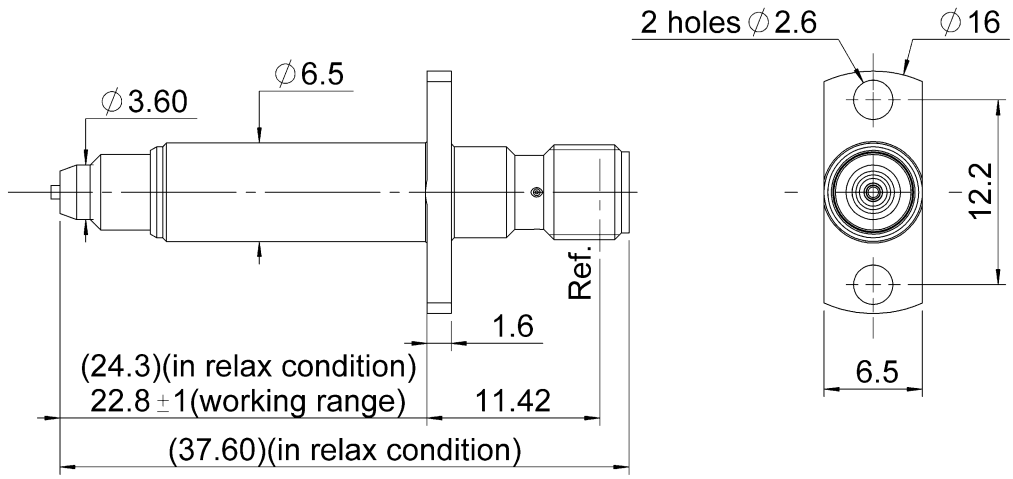
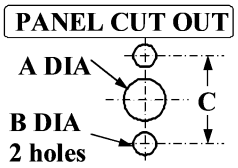
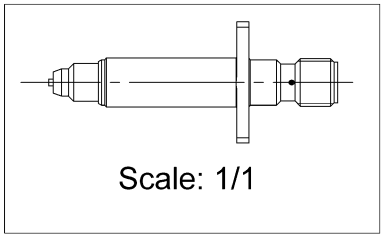
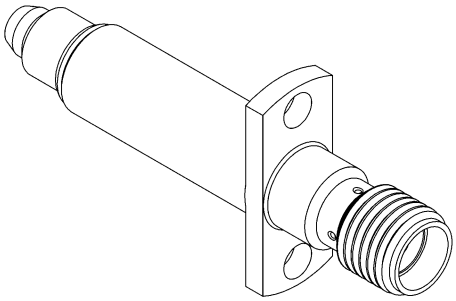


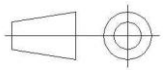


	mm	
	Maxi	mini
A	6.8	6.75
B	2.7	2.6
C	12.25	12.15





All dimensions are in mm.



COMPONENTS	MATERIALS	PLATING (µm)
Body	**BRASS**	**GOLD OVER NICKEL, NPGR**
Center contact	**BERYLLIUM COPPER**	**GOLD OVER NICKEL, NPGR**
Outer contact		
Insulator	**PTFE**	
Gasket		
Others parts	**STAINLESS STEEL**	
-	-	-
-	-	-

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PACKAGING

Standard	Unit	Other
1	**Contact us**	**Contact us**

ELECTRICAL CHARACTERISTICS

Impedance			**50**	Ω
Frequency			**0-6**	GHz
VSWR	**1.25***	**+**	**0.000**	x F(GHz) Maxi
Insertion loss			**0.15***	√F(GHz) dB Maxi
RF leakage		**- (**	**NA**	- F(GHz)) dB Maxi
Voltage rating			**NA**	Veff Maxi
Dielectric withstanding voltage			**NA**	Veff mini
Insulation resistance			**5000**	MΩ mini

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	**0**	N.cm
	0	N.cm
	0	N.cm
Panel nut		N.cm
Mating life	**100000**	Cycles mini
Weight	**6.520**	g

ENVIRONMENTAL

Operating	**-40/+80**	°C
Hermetic seal	**NA**	Atm.cm3/s
Panel leakage	**NA**	

SPECIFICATION

OTHER CHARACTERISTICS

***VSWR: up to 3GHz; 3-6 GHz, 1.35maxi.**
***Coaxial Transmission Line only.**
****Action mating force for the spring : 6N max.**
Compatible with MML H2.0 series; MML H2.5 series.

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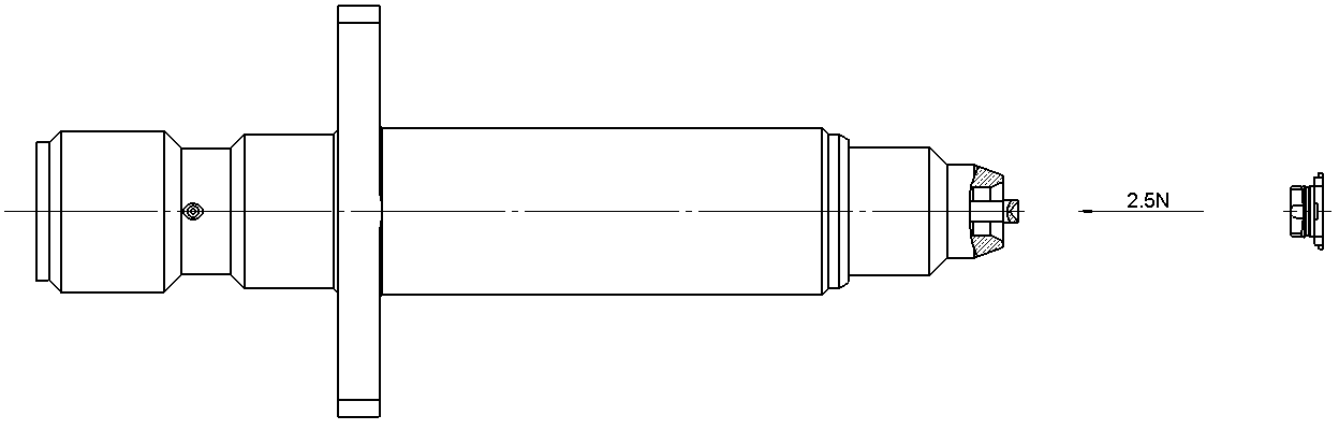
INSTRUCTION FOR USE



1. Connect the SMA side of the adapter with the measurement test equipment.
2. Mate the MML HXX receptacles with the adapter by pushing the MML connector with a minimum force of 2.5N.

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