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REV	DESCRIPTION OF REVISION	ECN NO.	BY	DATE	APPROVED
A	Initial Release	—	H.wei	19/03/17	19/03/17

1 Electrical

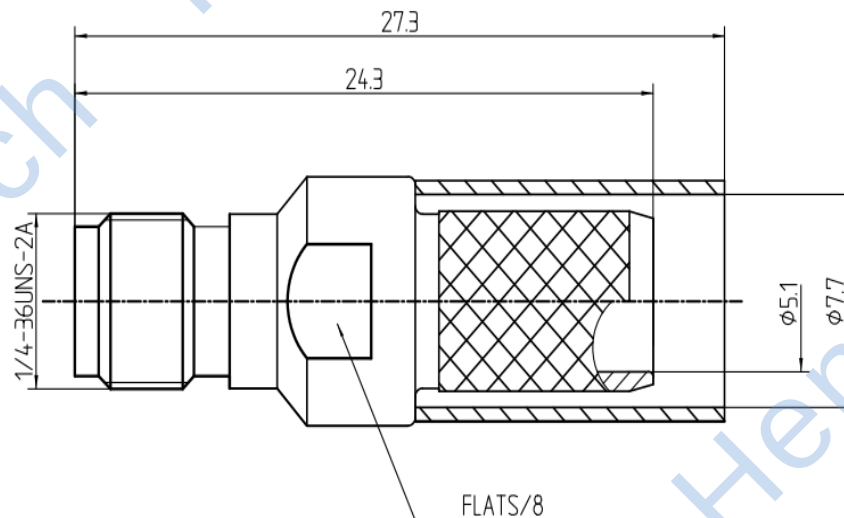
1.1 Impedence	50 Ω
1.2 Frequency	DC ~6GHz
1.3 Dielectric withstanding voltage	1000V(volts RMS)
1.4 Center contact resistance	$\leq 3\text{M}\Omega$
1.5 Outer contact resistance	$\leq 2\text{M}\Omega$
1.6 Insulation resistance	$\geq 5000\text{M}\Omega$
1.7 VSWR	1.30:1

2 Environmental&Mechanical

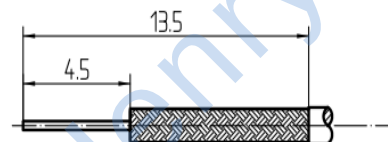
2.1 Temperature range	-40 $^{\circ}\text{C}$ ~ +125 $^{\circ}\text{C}$
2.2 RoHs Compliant	
2.3 Durability	>500 cycles

3 Materials&plating

3.1 Body:	Brass; gold plated
3.2 Insulator:	Teflon
3.3 Contact Pin:	Bronze, Gold plated
3.4 Ferrule:	Copper, Nickel plated



Recommended Cable Stripping Dimension



Notes:

- ALL SPECIFICATIONS ARE SUBJECT TO CHANGE NOTICE AT ANY TIME
- CUSTOMER OUTLINE DRAWING FOR REFERENCE ONLY

DRAWN: H.wei 19/03/17
ENGINEER: L.yu 19/03/17
APPROVED: W.yi 19/03/17
TOLERANCES UNLESS OTHERWISE SPECIFIED
X ± 0.50
.X ± 0.20
.XX ± 0.10
ANGLES $\pm 1^{\circ}$

TITLE:
RF Coaxial Connector
SMA Female Conn. for
LMR300 Cable

PART NO: HL-SMA-K300Y



DIMENSION IN MILLIMETERS (mm)

SIZE: A4	SCALE: N/A	SHEET: 1/1	REV: A
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