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REV	DESCRIPTION OF REVISION	ECN NO.	BY	DATE	APPROVED
A	Initial Release	———	T.Haiyun	19/7/16	19/7/16

1 Electrical

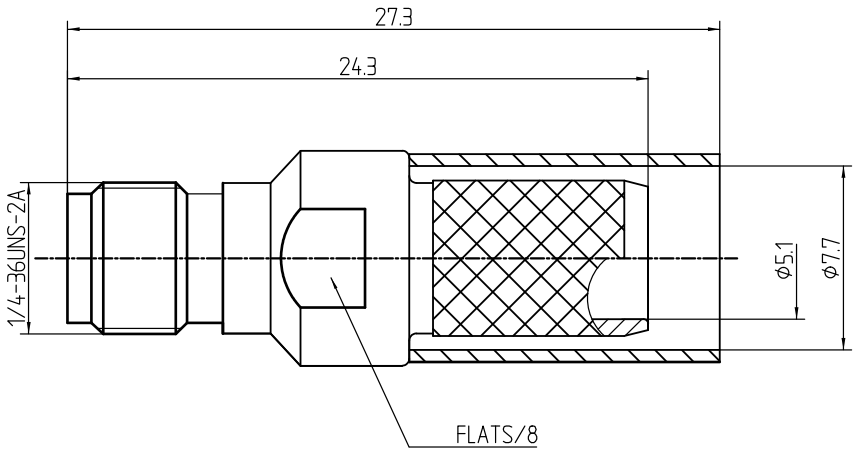
1.1 Impedence	50Ω
1.2 Frequency	DC~6GHz
1.3 Dielectric withstanding voltage	1000V(volts RMS)
1.4 Center contact resistance	≤ 3MΩ
1.5 Outer contact resistance	≤ 2MΩ
1.6 Insulation resistance	≥5000MΩ
1.7 VSWR	1.30:1

2 Environmental&Mechanical

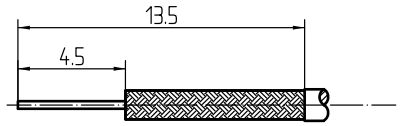
2.1 Temperature range	-40℃~+125℃
2.2 RoHs Compliant	
2.3 Durability	>500 cycles

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:

1. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE NOTICE AT ANY TIME

2. CUSTOMER OUTLINE DRAWING FOR REFERENCE ONLY

DRAWN :	T.Haiyun 19/7/16
ENGINEER:	C.Tao 19/7/16
APPROVED :	W.Qiang 19/7/16

TOLERANCES UNLESS OTHERWISE SPEFICIED
X ±0.50
.X ±0.20
.XX ±0.10
ANGLES ±1°

TITLE: RF Coaxial Connector

SMA Female Conn. for LMR300 Cable

PART NO: SMA-K300Y

www.teruilai.com

DIMENSION IN MILLIMETERS (mm)

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