REV	DESCRIPTION OF REVISION	ECN NO.	BY	DATE	APPROVED
A	Initial Release	———	T. Shihua	14/08/18	14/08/18

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1 Electrical

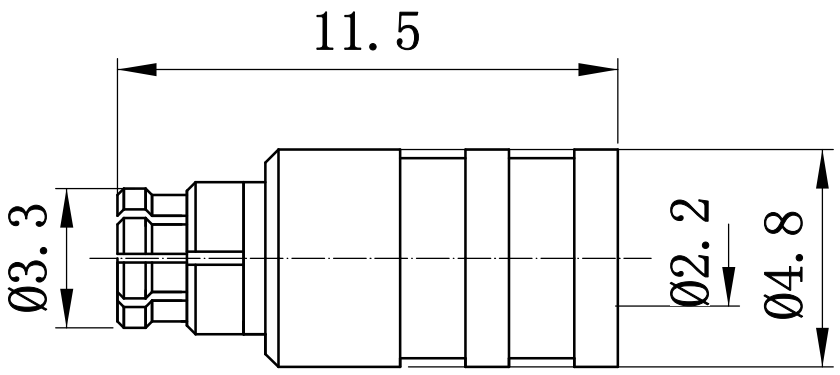
1.1 Impedence	50Ω
1,2 Frequency	DC~18GHz
1.2 Dielectric withstanding voltage	1000V(volts RMS)
1.3 Center contact resistance	≤ 3MΩ
1.4 Outer contact resistance	≤ 2MΩ
1.5 Insulation resistance:	≥5000MΩ

2 Environmental&Mechanical

2.1 Temperature range	-45℃~85℃
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:	Beryllium Copper Gold plated
3.4 Spring Contact :	Beryllium Copper Gold plated



Notes:

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

DRAWN: T. Shihua 14/08/18

ENGINEER: C. Tao 14/08/18

APPROVED: W. Qiang 14/08/18

TOLERANCES UNLESS OTHERWISE SPEFICIED

X	±0.50
.X	±0.20
.XX	±0.10
ANGLES	±1°

TITLE:

RF Coaxial Connector

SMP Female Conn. for .086/RG405 Cable

PART NO: SMP-KB2

www.trl-rf.com

DIMENSION IN MILLIMETERS (mm)

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