

1

2

3

4

This document contains proprietary information and such information may not be disclosed to others for any purposes,
not used for sales/marketing/procurement purposes without written permission

REV	DESCRIPTION OF REVISION	ECN NO.	BY	DATE	APPROVED
A	Initial Release	—	H.wei	26/11/12	26/11/12

1 Electrical

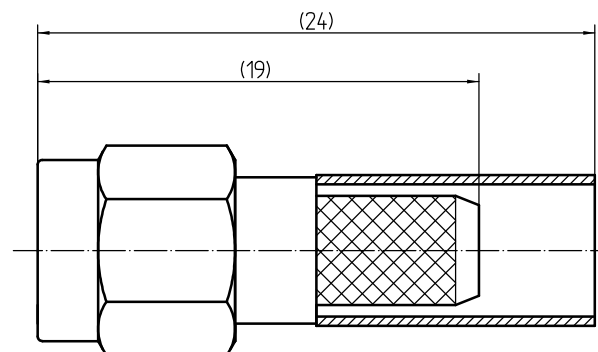
1.1 Impedance	50 Ω
1.2 Frequency	DC ~6GHz
1.3 Dielectric withstanding voltage	1000V(volts RMS)
1.4 Center contact resistance	$\leq 3\text{M}\Omega$
1.5 Outer contact resistance	$\leq 2\text{M}\Omega$
1.6 Insulation resistance:	$\geq 5000\text{M}\Omega$
1.7 VSWR	1.25:1

2 Environmental&Mechanical

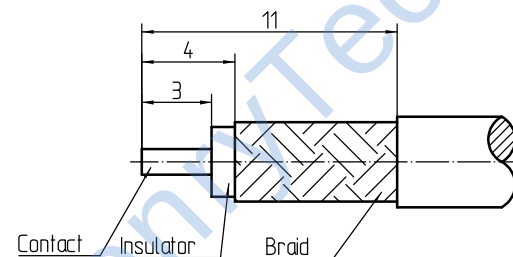
2.1 Temperature range	-40℃ ~ +125℃
2.2 RoHs Compliant	
2.3 Durability	>500 cycles

3 Materials&plating

3.1 Body:	Brass; Gold plated
3.2 Insulator:	Teflon
3.3 Contact Pin:	Brass, Gold plated
3.4 Nut:	Brass, Gold plated
3.5 Gasket:	Silicon Rubber (red color)
3.6 Ferrule:	Copper, Nickel plated

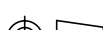


Recommended Cable Stripping Dimension



Notes:

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

DRAWN: H.wei 26/11/12		TITLE: RF Coaxial Connector SMA Male Conn. for Cable RG58/LMR195/RG142/RG223 Crimp				
ENGINEER: L.yu 26/11/12			 DIMENSION IN MILLIMETERS (mm)			
APPROVED: W.yi 26/11/12						
TOLERANCES UNLESS OTHERWISE SPECIFIED						
X ±0.50		PART NO: HL-SMA-J5-E	SIZE:	SCALE:	SHEET:	REV:
.X ±0.20			A4	N/A	1/1	A
.XX ±0.10						
ANGLES ±1°						

1

2

3

4