

4 3 2 1

1.0 MATERIAL & FINISH:

NanoRF PIN CONTACT:

- 1 BODY: COPPER ALLOY, GOLD PLATED
- 2 CENTER CONTACT: COPPER ALLOY, GOLD PLATED
- 3 INSULATOR: PTFE
- 4 COMPRESSION SPRING: STAINLESS STEEL, PASSIVATED

SMPM MALE CONNECTOR:

- 1 HOUSING AND SHROUD: STAINLESS STEEL, PASSIVATED
- 2 CENTER CONTACT: BERYLLIUM COPPER ALLOY, GOLD PLATED
- 3 INSULATOR: PTFE

AFLEX047 CABLE:

- 1 INNER CONDUCTOR: SILVER PLATED COPPER
- 2 DIELECTRIC: PTFE
- 3 OUTER CONDUCTOR: SPIRAL WRAPPED SILVER PLATED COPPER TAPE + SILVER PLATED COPPER
- 4 JACKET: FEP

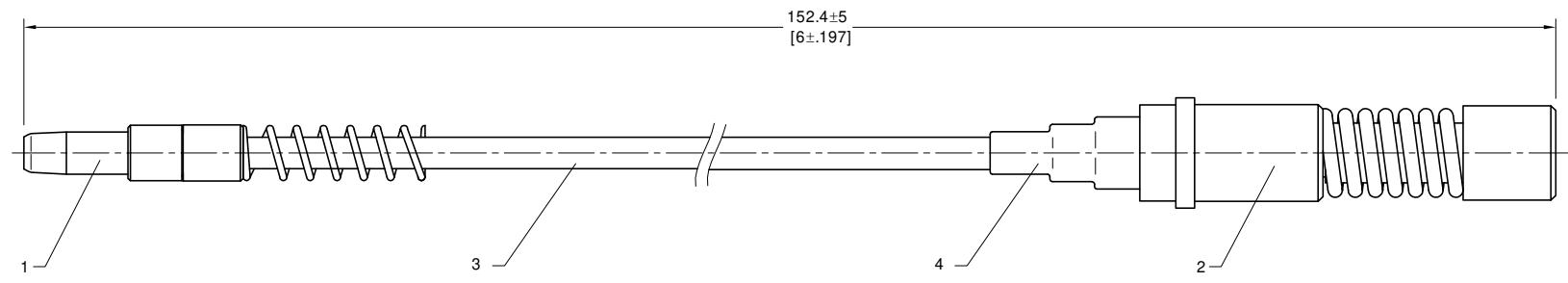
ELECTRICAL DATA:

- 1 IMPEDANCE: 50 Ω
- 2 FREQUENCY RANGE: DC~6 GHz
- 3 VSWR: 1.20 MAX.
- 4 INSERTION LOSS: 1.10 dB MAX.

ENVIRONMENTAL DATA:

- 1 TEMPERATURE RANGE: -55 °C~+125 °C
- 2 2011/65/EU(RoHS) AND 2015/863/(RoHS): COMPLIANT
- 3 1999/45/EC(REACH): COMPLIANT

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	05/10/22	J QU



SEQUENCE NUMBER	PART NO.	DESCRIPTION	QTY
4	ANO 8.687.221	HEAT-SHRINKABLE TUBES Ø2.5*10	1
3	AFLEX047	AFLEX047 CABLE	1
2	ANO 9411-2060	SMPM MALE SMOOTH BORE INTERFACE FIT M38999 SIZE 12 INSERT SOLDER FOR .047 CABLE	1
1	ANO 4112-2026 (equal TE 2302345-1)	NanoRF PIN CONTACT SOLDER FOR .047 CABLE	1

DRAWN	P. CHEN	DATE	05/10/22
CHECKED	X. B. YANG	DATE	05/10/22
APPROVED	J QU	DATE	05/10/22
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS, DIMENSIONS IN [] ARE IN INCHES FOR CUSTOMER REFERENCE ONLY UNLESS OTHERWISE SPECIFIED TOLERANCE ARE:		THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF ANOISON ELECTRONICS LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION COPYRIGHT © 2022 ANOISON ELECTRONICS LTD	
.XX	±0.13 [.005"]		
.X	±0.20 [.008"]		
X	±0.50 [.019"]		
.X"	±1°		
X°	±2°		

ANOISON

TITLE
CABLE ASSEMBLY, NanoRF PIN TO SMPM MALE SMOOTH BORE INTERFACE, AFLEX047 CABLE, 6 INCHES

VIEW

PART NO.
AF047-NRP-SMPM(M)-6

SIZE	SCALE	SHEET	REV.
A3	5:1	1/1	A

4 3 2 1