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1.0 MATERIAL & FINISH:

NanoRF SOCKET CONTACT :

- 1 BODY: COPPER ALLOY, GOLD PLATED
- 2 CENTER CONTACT: COPPER ALLOY, GOLD PLATED
- 3 INSULATOR: PTFE

*** MHF CONNECTOR:**

- 1 BODY: PBT, GOLD PLATED
- 2 CONTACT: COPPER ALLOY, GOLD PLATED
- 3 GROUND CONTACT: COPPER ALLOY, GOLD
- *** I-PEX MHF (EQUIVALENT OF HIROSE U.FL)

AFLEX-047 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

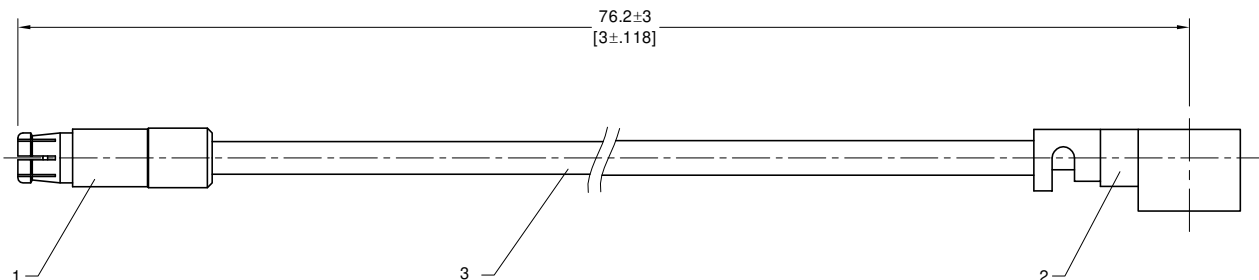
ELECTRICAL DATA:

- 1 IMPEDANCE: 50 Ω
- 2 FREQUENCY RANGE: DC~2 GHz
- 3 VSWR: 1.20 MAX.
- 4 INSERTION LOSS: 0.75 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	03/09/21	J QU



3	AFLEX-047	AFLEX-047 CABLE	1
2	20351-111R-37	MHF RIGHT ANGLE PLUG FOR 1.37MM CABLE	1
1	ANO 4112-2021 (equal TE 2302339-1)	NanoRF SOCKET CONTACT ASSEMBLY SOLDER FOR .047 CABLE	1
SEQUENCE NUMBER	PART NO.	DESCRIPTION	QTY

DRAWN	P. CHEN	DATE	03/09/21
CHECKED	X. B. YANG	DATE	03/09/21
APPROVED	J QU	DATE	03/09/21
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 © 2021 ANOISON ELECTRONICS LTD	
.XX	±0.13 [.005"]		
.X	±0.20 [.008"]		
X	±0.50 [.019"]		
.X°	±1°		
X°	±2°		

ANOISON

TITLE
CABLE ASSEMBLY, NanoRF SOCKET CONTACT TO MHF R/A PLUG, AFLEX-047 CABLE, 3 INCHES

VIEW

PART NO.
AF047-NRS-MHF-3

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

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