

MATERIAL & FINISH:

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

MECHANICAL DATA:

- 1. MATING CYCLES: SMOOTH BORE: 500  
FULL DETENT: 100
- 2. SPRING FORCE: 4.5 LBS MAX. AT FULL DEFLECTION  
2 LBS MIN. PRELOAD

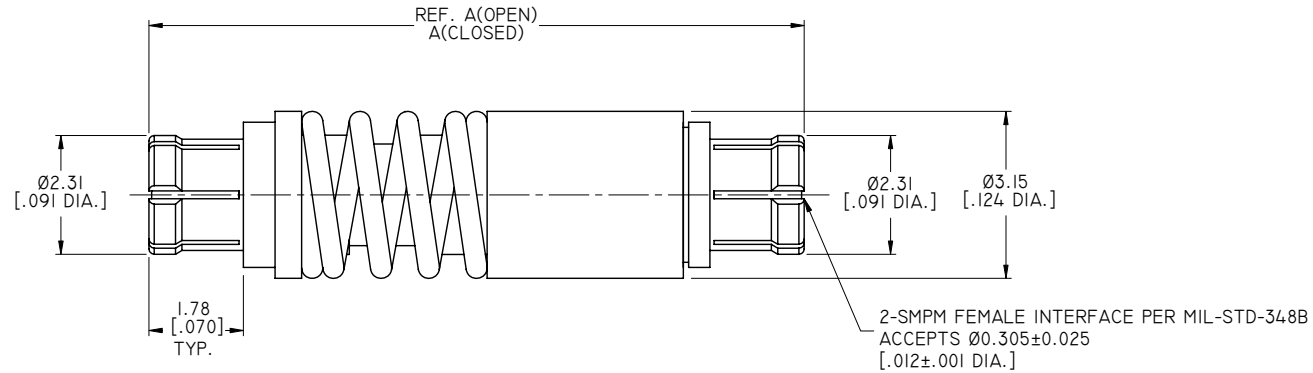
ELECTRICAL DATA:

- 1 IMPEDANCE: 50 Ω
- 2 FREQUENCY RANGE: DC~40GHZ
- 3 VSWR: 1.20 MAX. AT DC~20GHZ  
1.40 MAX. AT 20~40GHZ
- 4 INSERTION LOSS: 0.4 DB MAX. AT DC~20GHZ  
0.5 DB MAX. AT 20~40GHZ
- 5 D.W.V.: 325 VRMS.
- 6 INSULATION RES.: 5000 MEGOHMS MIN.

ENVIRONMENTAL DATA:

- 1. TEMPERATURE RANGE: -65°C~+165°C
- 2. 2011/65/EU ( RoHS): COMPLIANT

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	08/09/17	J. QU
B	ANO 942-942-1415-3 ADDED	08/22/17	J. QU
C	1. ELECTRICAL DATA CHANGED 2. MECHANICAL DATA ADDED	09/14/17	J. QU
D	1 Ø3.15 [.124 DIA.] ADDED 2 VSWR: 1.20 MAX. AT DC~20GHZ ADDED 3 INSERTION LOSS: 0.4 DB MAX. AT DC~20GHZ ADDED	09/20/17	J. QU



PART NO.	A(OPEN)	A(CLOSED)
ANO 942-942-1415-1	14.02 [.552]	12.75 [.502]
ANO 942-942-1415-2	15.24 [.600]	13.97 [.550]
ANO 942-942-1415-3	14.60 [.575]	13.20 [.520]

DRAWN	X. B. YANG	DATE	09/20/17
CHECKED	W. YANG	DATE	09/20/17
APPROVED	J. QU	DATE	09/20/17
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 © 2017 ANOISON ELECTRONICS LTD	
.xxx	±0.15 [.006"]		
.xx	±0.25 [.01"]		
.x	±0.50 [.019"]		
.x°	±1°		
x°	±2°		



TITLE			
ADAPTER, SMPM SPRING LOADED FEMALE TO SMPM FEMALE			
VIEW		PART NO.	
		ANO 942-942-1415	
SIZE	SCALE	SHEET	REV.
A3	10:1	I/1	D