

MATERIAL & FINISH:

SMA CONNECTOR:

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

MB141 CABLE (WITHOUT FEP JACKET):

- 1 INNER CONDUCTOR: SILVER PLATED COPPER
- 2 DIELECTRIC: ND PTFE
- 3 INNER BRAID: SILVER PLATED COPPER TAPE
- 4 BARRIER: ALUMINUM THIN
- 5 OUTER BRAID: OUTER BRAID STN. STL

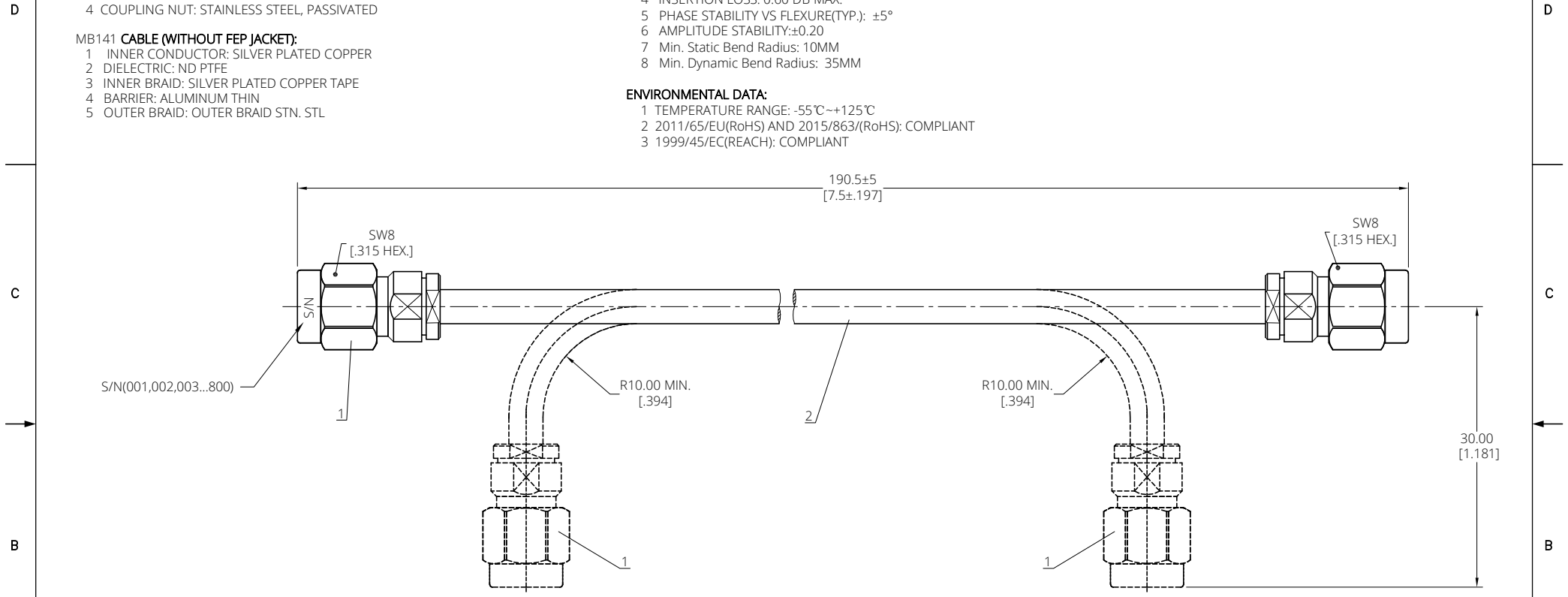
ELECTRICAL DATA:

- 1 IMPEDANCE: 50 Ω
- 2 FREQUENCY RANGE: DC~26.5 GHz
- 3 VSWR: 1.35 MAX.
- 4 INSERTION LOSS: 0.60 DB MAX.
- 5 PHASE STABILITY VS FLEXURE(TYP.): ±5°
- 6 AMPLITUDE STABILITY:±0.20
- 7 Min. Static Bend Radius: 10MM
- 8 Min. Dynamic Bend Radius: 35MM

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	02/10/23	J. Q



SEQUENCE NUMBER	PART NO.	DESCRIPTION	QTY
2	MB141	MB141 CABLE	1
1	ANO 2111-2639	SMA STRAIGHT MALE SOLDER FOR MB141 CABLE	2

DRAWN	W. Y	DATE	02/10/23
CHECKED	X. Y	DATE	02/10/23
APPROVED	J. Q	DATE	02/10/23
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 © 2023 ANOISON ELECTRONICS LTD	
XX	±0.13 [.005"]		
X	±0.20 [.008"]		
X	±0.50 [.019"]		
X°	±1°		
X°	±2°		

ANOISON

TITLE
CABLE ASSEMBLY, SMA STRAIGHT MALE TO SMA STRAIGHT MALE, MB141 CABLE, 7.5 INCHES

VIEW

PART NO.
mBend141-SMAM-SMAM-7.5

SIZE	SCALE	SHEET	REV.
A3	2.5:1	1/1	A