REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	03/15/23	J. Q

MATERIAL & FINISH:

SMPM CONNECTOR:

1 BODY: BERYLLIUM COPPER ALLOY, GOLD PLATED
2 CENTER CONTACT: BERYLLIUM COPPER ALLOY, GOLD PLATED
3 INSULATOR: PTFE
4 COMPRESSION SPRING: STAINLESS STEEL, PASSIVATED
5 SLEEVE: STAINLESS STEEL, PASSIVATED
6 WASHER: STAINLESS STEEL, PASSIVATED

SSMB CONNECTOR:

1 SLEEVE: STAINLESS STEEL, PASSIVATED
2 CENTER CONTACT: BERYLLIUM COPPER ALLOY, GOLD PLATED
3 OUTER CONTACT: BERYLLIUM COPPER ALLOY, GOLD PLATED
4 INSULATOR: PTFE
5 BACK NUT: BERYLLIUM COPPER ALLOY, GOLD PLATED

EP090 CABLE:

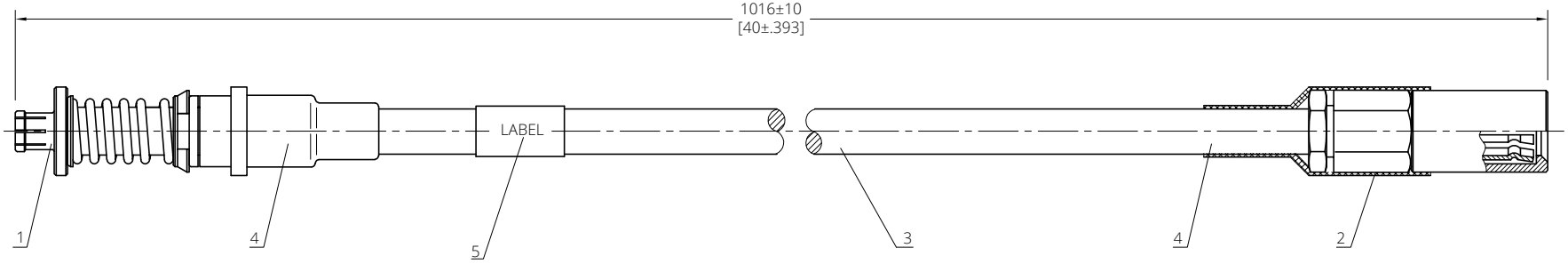
1 INNER CONDUCTOR: SILVER PLATED COPPER
2 DIELECTRIC: LD PTFE
3 OUTER CONDUCTOR: BONDED ALUMINUM FOILE+SILVER PLATED COPPER
4 JACKET: FEP

ELECTRICAL DATA:

1 IMPEDANCE: 50 Ω
2 FREQUENCY RANGE: DC~2.5GHz
3 VSWR: 1.25 TYP.
4 INSERTION LOSS: 1.60 dB MAX.
5 PHASED MATCHED: ±1° @ 2.5GHz
"*" TEST CONDITION: THE CABLE KEEP STRAIGHT, NO BENDING

ENVIRONMENTAL DATA:

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



EXAMPLE: LABEL FOR PER SET: 40- 01-001

- 40- CABLE LENGTH 40 INCHES
- 01- PER SET
- 001 S/N(001,002,003... ...)

SEQUENCE NUMBER	PART NO.	DESCRIPTION	QTY
5	LABEL	HEAT-SHRINK TUBE Ø2.5X25 (WHITE)	1
4	ANO 8.687.125	ADHESIVE HEAT-SHRINK TUBE Ø4X15(BLACK)	2
3	EP090	EP090 CABLE	1
2	ANO 7212-2005	SSMB PLUG SOLDER FOR EP090 CABLE	1
1	ANO 9412-2072	VITA67.3 BACKPLANE CONTACT SMPM STRAIGHT FEMALE FOR EP090 CABLE	1

DRAWN	W. Y	DATE 03/15/23
CHECKED	X. Y	DATE 03/15/23
APPROVED	J. Q	DATE 03/15/23

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS, DIMENSIONS IN [ ] ARE IN INCHES FOR CUSTOMER REFERENCE ONLY UNLESS OTHERWISE SPECIFIED TOLERANCE ARE:

.XX	±0.13 [.005"]
.X	±0.20 [.008"]
X	±0.50 [.019"]
.X°	±1°
X°	±2°

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TITLE

CABLE ASSEMBLY, SMPM STRAIGHT FEMALE TO SSMB PLUG, EP090 CABLE

VIEW

PART NO. EP090-SMPMF-SSMBF-40-PM

SIZE	SCALE	SHEET	REV.
A3	4:1	1/1	A