

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:

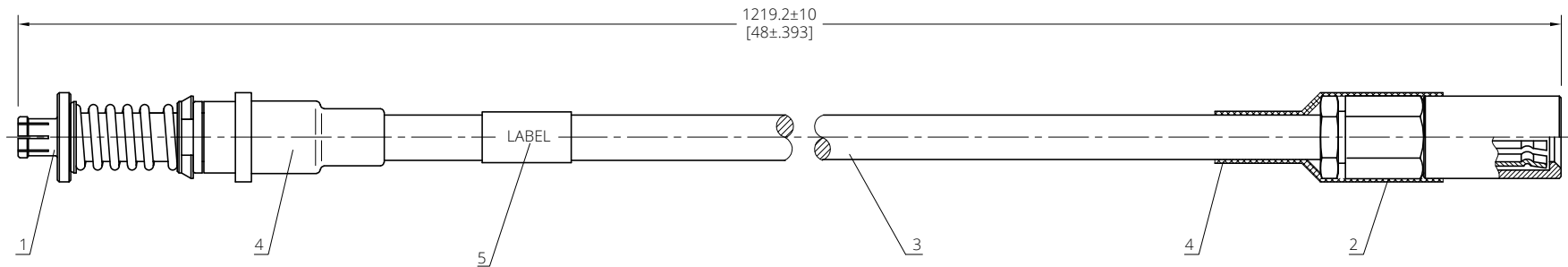
- 1 IMPEDANCE: 50 Ω
- 2 FREQUENCY RANGE: DC~1GHz
- 3 VSWR: 1.20 TYP.
- 4 INSERTION LOSS: 1.20 dB MAX.
- 5 PHASED MATCHED: ±0.5° @ 1GHz
- ** TEST CONDITION: THE CABLE KEEP STRAIGHT, NO BENDING

ENVIRONMENTAL DATA:

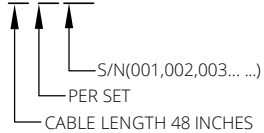
- 1 TEMPERATURE RANGE: -55°C~+125°C
- 2 2011/65/EU(RoHS) AND 2015/863/(RoHS): COMPLIANT
- 3 1999/45/EC(REACH): COMPLIANT

REVISIONS

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



EXAMPLE: LABEL FOR PER SET: 48-01-001



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:		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, SMPM STRAIGHT FEMALE TO SSMB PLUG, EP090 CABLE

VIEW

PART NO. EP090-SMPMF-SSMBF-48-PM			
SIZE A3	SCALE 4:1	SHEET 1/1	REV. A