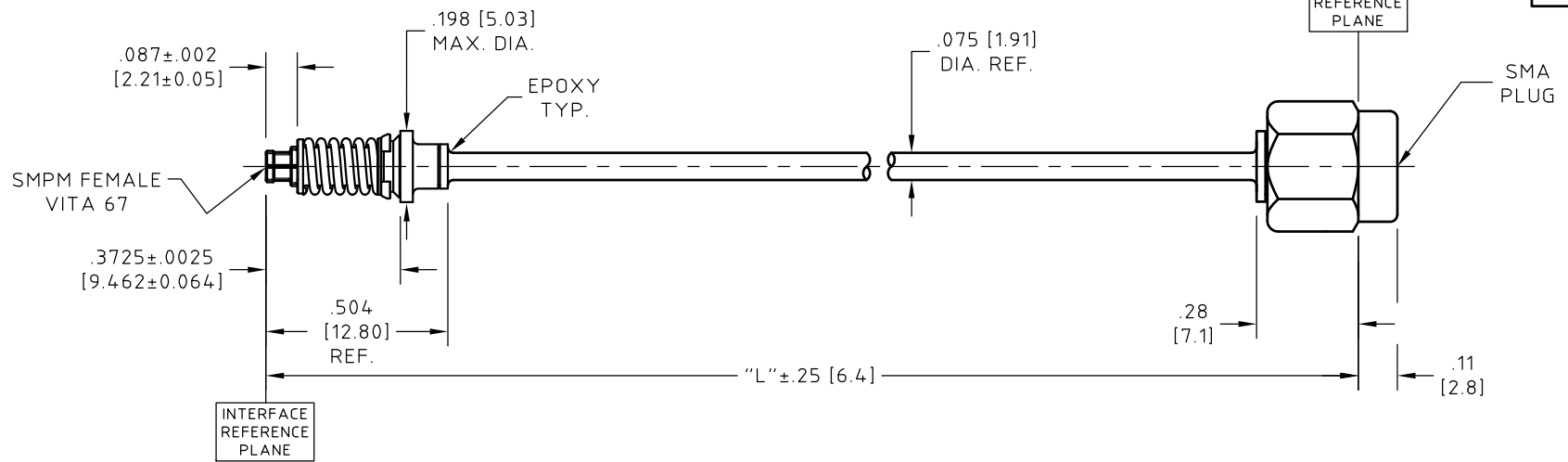


# CONTROL DRAWING

**32041E-29981SVCR-29094CR-XX**

A



HUBER+SUHNER Astrolab PART NUMBER	DIMENSION "L"	2.0 GHz		12.4 GHz		18 GHz		26.5 GHz	
		VSWR	I.L. dB	VSWR	I.L. dB	VSWR	I.L. dB	VSWR	I.L. dB
32041E-29981SVCR-29094CR-3	3.00 (76.2)	1.12:1	0.25	1.20:1	0.56	1.33:1	0.68	1.45:1	0.86
32041E-29981SVCR-29094CR-4	4.00 (101.6)	1.12:1	0.28	1.20:1	0.66	1.33:1	0.80	1.45:1	1.01
32041E-29981SVCR-29094CR-5	5.00 (127.0)	1.12:1	0.32	1.20:1	0.76	1.33:1	0.92	1.45:1	1.16
32041E-29981SVCR-29094CR-6	6.00 (152.4)	1.12:1	0.36	1.20:1	0.86	1.33:1	1.05	1.45:1	1.31
32041E-29981SVCR-29094CR-7	7.00 (177.8)	1.12:1	0.40	1.20:1	0.95	1.33:1	1.17	1.45:1	1.46
32041E-29981SVCR-29094CR-8	8.00 (203.2)	1.12:1	0.44	1.20:1	1.05	1.33:1	1.29	1.45:1	1.61
32041E-29981SVCR-29094CR-9	9.00 (228.6)	1.12:1	0.48	1.20:1	1.15	1.33:1	1.41	1.45:1	1.76
32041E-29981SVCR-29094CR-10	10.00 (254.0)	1.12:1	0.51	1.20:1	1.25	1.33:1	1.53	1.45:1	1.91
32041E-29981SVCR-29094CR-11	11.00 (279.4)	1.12:1	0.55	1.20:1	1.35	1.33:1	1.65	1.45:1	2.06
32041E-29981SVCR-29094CR-12	12.00 (304.8)	1.12:1	0.59	1.20:1	1.45	1.33:1	1.77	1.45:1	2.21
32041E-29981SVCR-29094CR-13	13.00 (330.2)	1.12:1	0.63	1.20:1	1.55	1.33:1	1.89	1.45:1	2.36
32041E-29981SVCR-29094CR-14	14.00 (355.6)	1.12:1	0.67	1.20:1	1.65	1.33:1	2.01	1.45:1	2.51
32041E-29981SVCR-29094CR-15	15.00 (381.0)	1.12:1	0.71	1.20:1	1.75	1.33:1	2.13	1.45:1	2.66
32041E-29981SVCR-29094CR-16	16.00 (406.4)	1.12:1	0.74	1.20:1	1.85	1.33:1	2.25	1.45:1	2.81
32041E-29981SVCR-29094CR-		1.12:1		1.20:1		1.33:1		1.45:1	

**NOTES:**

1. DESCRIPTION,  
CABLE ASSEMBLY, SMPM FEMALE, VITA 67 TO SMA PLUG.
2. CABLE,  
COAXIAL CABLE HUBER+SUHNER Astrolab P/N 32041E MEETS OR EXCEEDS MIL-DTL-17. SEE HUBER+SUHNER Astrolab CONTROL DRAWING FOR MATERIALS AND FINISHES.
3. CONNECTOR -A-, SMPM FEMALE, VITA 67:  
HUBER+SUHNER Astrolab P/N 29981SVCR-32-41 INTERFACE DIMENSIONS IAW MIL-STD-348. SEE HUBER+SUHNER Astrolab CONTROL DRAWING FOR MATERIALS AND FINISHES.
4. CONNECTOR -B-, SMA PLUG:  
HUBER+SUHNER Astrolab P/N 29094CR-32-41 INTERFACE DIMENSIONS IAW MIL-STD-348. SEE HUBER+SUHNER Astrolab CONTROL DRAWING FOR MATERIALS AND FINISHES.

**NOTES CONTINUED:**

5. MARKING:  
NO MARKING ON CABLE ASSEMBLY. ALL MARKING WILL BE DONE ON PACKAGING.
6. ELECTRICAL CHARACTERISTICS:  
IMPEDANCE, 50.0 Ohms NOMINAL. FREQUENCY, INSERTION LOSS AND VSWR SEE CHART.
7. MECHANICAL:  
OPERATING TEMPERATURE RANGE, -55° C TO +125° C.

**RoHS 5/6 COMPLIANT**

UNLESS OTHERWISE SPECIFIED  
CONCENTRICITY .004 T.I.R.  
CORNERS AND FILLETS .005  
MAX. RADIUS OR CHAMFER.  
SURFACE FINISH 63 RMS  
MICROINCHES OR BETTER.

FRACTIONS	± 1/16
X	± .030
XX	± .015
XXX	± .005
ANGLES	± 1°
DO NOT SCALE DRAWING	

NAME	DATE
PREP. GS	10/09/15
ELEC.	
MECH.	
Q.C.	
TITLE	

**HUBER+SUHNER**  
**Astrolab**

THIS DRAWING CONTAINS PATENTABLE AND PROPRIETARY INFORMATION. THE DESIGN CANNOT BE USED WITHOUT WRITTEN PERMISSION OF HUBER + SUHNER ASTROLAB.

<b>CABLE ASS'Y, SMPM FEMALE, VITA 67 TO SMA PLUG</b>			
THDS. TO BE IN ACCORD WITH U.S. DEPT. OF COMM. SCREW THD. STDS. FOR FEDERAL SERVICES 1950 SUPL. TO HANDBOOK H 28.	SCALE	CODE IDENT.	DWG NO.
	2:1	16301	32041E-29981SVCR-29094CR-XX

A	ECN No. 17499	10/09/15	GS	
REV.	DESCRIPTION	DATE	BY	APPROVED

REV  
A