

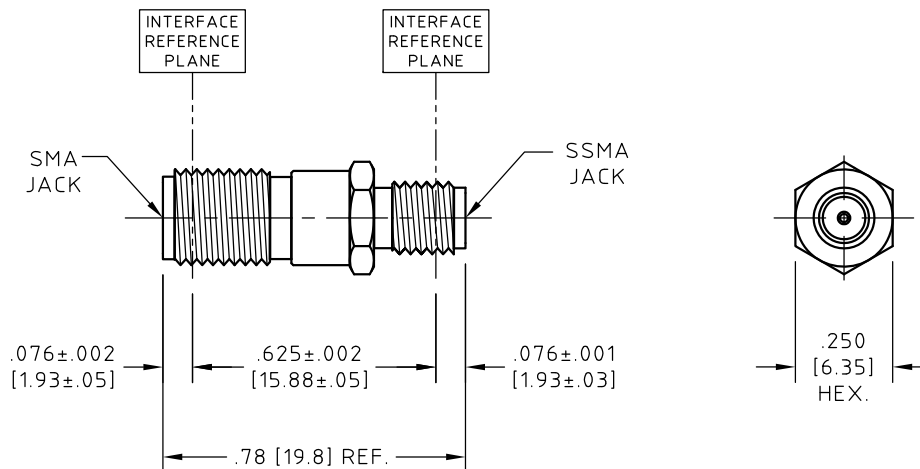
CONTROL DRAWING

29118

K

NOTES:

1. DESCRIPTION,
ADAPTOR, SMA JACK TO SSMA JACK.
2. MATERIALS AND FINISHES
BODY,
STEEL, CORROSION RESISTANT PER ASTM A-582,
UNS No. S30300, COND. A, NON MAGNETIC,
PASSIVATED PER SAE-AMS-2700.
NO DICHROMATE SOLUTIONS USED.
CENTER CONDUCTOR,
BERYLLIUM COPPER ALLOY PER ASTM B-196,
UNS No. C17300, TEMPER TD04(H),
GOLD PLATED, 50 µIN (1.27 µM) MIN. THK.
PER ASTM B-488, CODE C, TYPE II, CLASS 1.27
OVER
NICKEL PLATE, 50 µIN (1.27 µM) MIN. THK.
PER SAE-AMS-QQ-N-290, CLASS 1.
DIELECTRIC,
POLYTETRAFLUOROETHYLENE (PTFE) PER ASTM D-1710,
OR ASTM D-4894, TYPE I, GRADE 1.
3. ELECTRICAL CHARACTERISTICS:
IMPEDANCE
50.0 Ohms NOMINAL.
FREQUENCY
18.0 GHz MAX.
INSERTION LOSS
0.35 dB MAX.
VSWR
1.25 : 1 MAX.
4. INTERFACES MEET MIL-STD-348.
5. OPERATING TEMPERATURE RANGE
-55° C TO +125° C
6. 29118 ADAPTOR IS PHASE MATCHED WITH THE FOLLOWING
SSMA TO SSMA ADAPTORS: 29167, 29105, AND 29124,
AND WITH THE FOLLOWING SSMA TO SMA ADAPTORS:
29119, 29120, AND 29121.



RoHS 6 COMPLIANT

HUBER+SUHNER

Astrolab

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

NAME	DATE
PREP.	
ELEC.	
MECH.	
Q.C.	

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	

ADAPTOR, SMA JACK TO SSMA JACK				
THDS. TO BE IN ACCORD WITH U.S. DEPT. OF COMM. SCREW THD. STDS. FOR FEDERAL SERVICES 1950 SUPL. TO HANDBOOK H 28.	SCALE 2:1	CODE IDENT. 16301	DWG NO. 29118	REV K

K	UPDATED NOTES; ADDED RoHS 6 COMP.	08/17/16	EB	
REV.	DESCRIPTION	DATE	BY	APPROVED