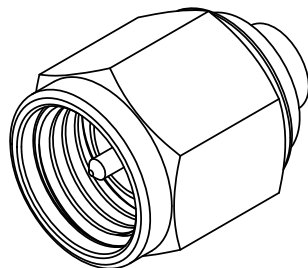
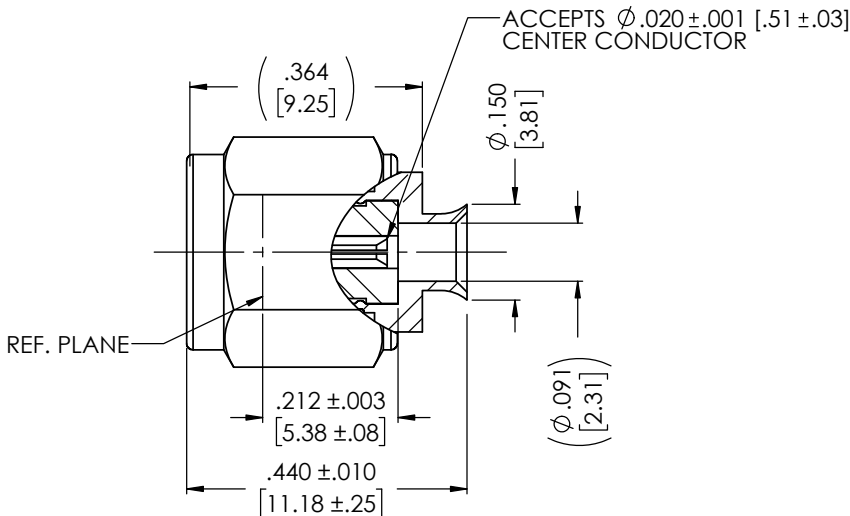
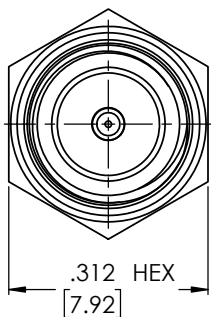




REVISIONS				
REV.	DESCRIPTION	DATE	ENG. APPROVED	MFG. APPROVED
F	REDRAWN IN SOLIDWORKS	10/18/2023	BJM	MCD

1301025K003-006



NOTES:

- ASSEMBLED CONNECTOR INTERFACE IS DESIGNED IN ACCORDANCE WITH MIL-STD-348.

LOCKING RING	BERYLLIUM COPPER PER ASTM B196, C17300, TEMPER TD04	N/A
COUPLING NUT	CORROSION RESISTANT STEEL PER ASTM 582, S30300, COND. A	PASSIVATE PER SAE-AMS2700
GASKET	SILICONE RUBBER PER A-A-59588	N/A
INSULATOR	TEFLON PER ASTM D1710	N/A
CONTACT	BERYLLIUM COPPER PER ASTM B196	GOLD PLATE PER ASTM B488, TYPE 2, CLASS 1.27
BODY	CORROSION RESISTANT STEEL PER ASTM A582, CLASS 303	GOLD PLATE PER ASTM B488, TYPE 2, CLASS 1.27
DESCRIPTION	MATERIAL	FINISH

Table 1

MECHANICAL SPECIFICATIONS

DURABILITY	500 MATES
CAPTIVATION - CONTACT	2 lbs
ELECTRICAL SPECIFICATIONS	
FREQUENCY RANGE	DC - 18 GHz
VSWR	1.35 MAX
IMPEDANCE	50 ± 2 OHMS
WORKING VOLTAGE @ SEA LEVEL	335 Vrms
DWV @ SEA LEVEL	1000 Vrms
INSULATION RESIST.	5000 MOHMS

ENVIRONMENTAL SPECIFICATIONS

SHOCK	MIL-STD-202, METH. 213 COND I
VIBRATION	MIL-STD-202, METH. 204 COND D
ALTITUDE	MIL-STD-202, METH. 105 COND C
THERMAL SHOCK	MIL-STD-202, METH. 107 COND B
TEMP RANGE	-65° TO +165° C

PROPRIETARY AND CONFIDENTIAL
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FILE NAME: 1301025K003-006T

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES
TOLERANCES:
FRACTIONAL ± 1/64
ANGULAR: MACH ± 1° BEND ± 1°
TWO PLACE DECIMAL ± .01
THREE PLACE DECIMAL ± .005
SURFACE FINISH = 63
MAX. CORNER BREAKS = .004

THIRD ANGLE PROJECTION

MATERIAL SEE TABLE

FINISH SEE TABLE

SCALE:

NAME DATE
DRAWN SRC 10/18/2023
CHECKED BJM 10/18/2023
ENG APPR. BJM 10/18/2023

COMMENTS:

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**SMA STRAIGHT
DIRECT SOLDER - ONE STEP MALE
RG-405/U (.085 S.R.)**

SIZE B	DWG. NO. 1301025K003-006	REV F
CODE ID - 00795	WEIGHT: 2.24 g	SHEET 1 OF 1