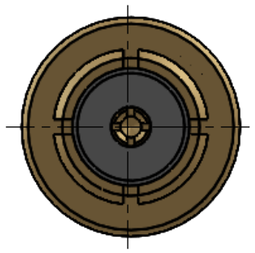
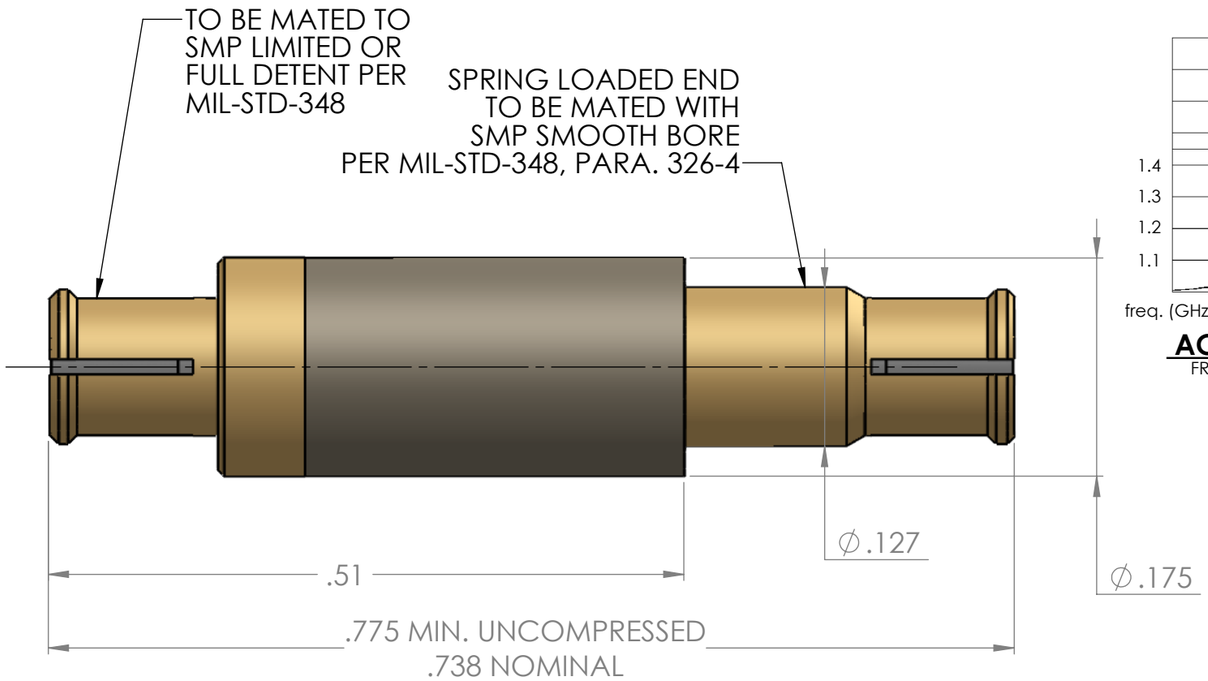
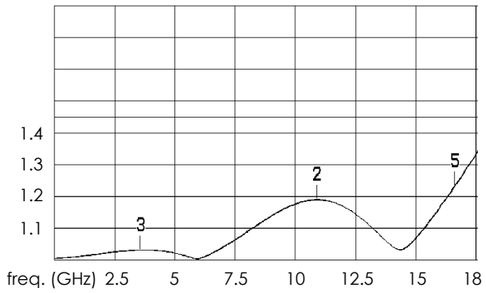
8628000G911-021

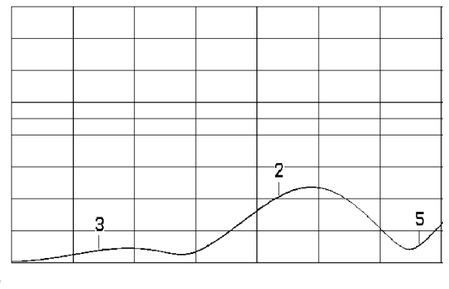
DELTA
Electronics Mfg. Corp.



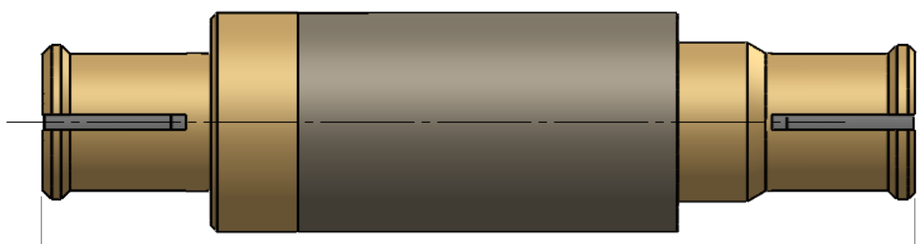


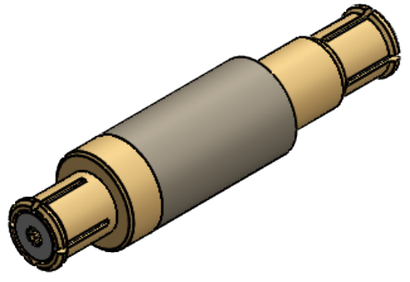


ACTUAL DATA (VSWR - S11)
FROM CATALOG ITEM 8628000G911-004



ACTUAL DATA (VSWR - S11)
FULLY COMPRESSED





MECHANICAL SPECIFICATIONS	
DURABILITY (w/smooth bore)	1000 mates
CAPTIVATION - CONTACT	2 lbs min.
FORCE TO ENGAGE (spring loaded end w/ smooth bore)	2.0 lbs max.
FORCE TO DISENGAGE (spring loaded end w/ smooth bore)	.5 to 2.0 lbs.
AXIAL FLOAT	.075 max.
SPRING FORCE (@full extension)	2.0 lbs min.
SPRING FORCE (@full compression)	5.0 lbs. max.
ELECTRICAL SPECIFICATIONS	
FREQUENCY RANGE	DC - 18 GHz
VSWR	1.40 MAX
IMPEDANCE	50 ± 2 OHMS
INSERTION LOSS	.2 dB MAX.
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 +125° C

NOTES:

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

DESCRIPTION	MATERIAL	FINISH
BUSHING	BRASS PER ASTM B16, C36000 ALLOY, TEMPER H02	NICKEL PLATE PER SAE-AMS-QQ-N-290
INSULATORS	TEFLON PER ASTM D1710, TYPE 1, GRADE 1, CLASS A.	N/A
CONTACTS	BERYLLIUM COPPER PER ASTM B196, C17300, TEMPER TD04	GOLD PLATE PER ASTM B488, TYPE 2, CLASS 1.27
BODIES	BERYLLIUM COPPER PER ASTM B196, C17300, TEMPER TD04	GOLD PLATE PER ASTM B488, TYPE 2, CLASS 1.27
SPRING	SPRING STEEL	PASSIVATE PER SAE-AMS-2700

Table 1

PROPRIETARY AND CONFIDENTIAL
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FILE NAME: 8628000G911-021T

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: 2:1

	NAME	DATE
DRAWN	ADK	2/14/2018
CHECKED	BJM	2/14/2018
ENG APPR.	BJM	2/14/2018

COMMENTS:

DELTA ELECTRONICS MFG CORP.
BEVERLY, MA 01915
www.deltarf.com / Ph: 978-927-1060 / Fax: 978-922-6430

TITLE: SMP STRAIGHT FEMALE-FEMALE BULLET ADAPTER FEMALE TO FEMALE SPRING LOADED - .775 UNCOMPRESSED LENGTH

SIZE	DWG. NO.	REV
B	8628000G911-021	–

CODE ID - 00795 | WEIGHT: 1.14 g | SHEET 1 OF 1