

6 5 4 3 2 1

1.0 PERFORMANCE  
 1.1 FREQUENCY RANGE: DC-40GHz  
 1.2 NOMINAL IMPEDANCE: 50 OHMS  
 1.3 DWV: 750Vrms @ 60Hz  
 1.4 TEMPERATURE RANGE: -65/+175°C

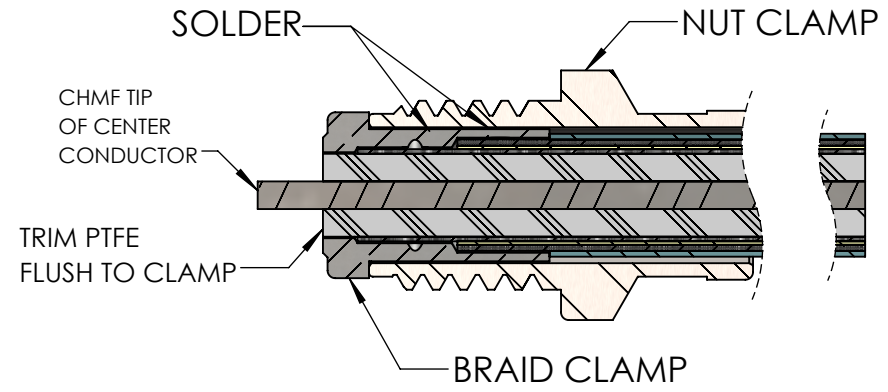
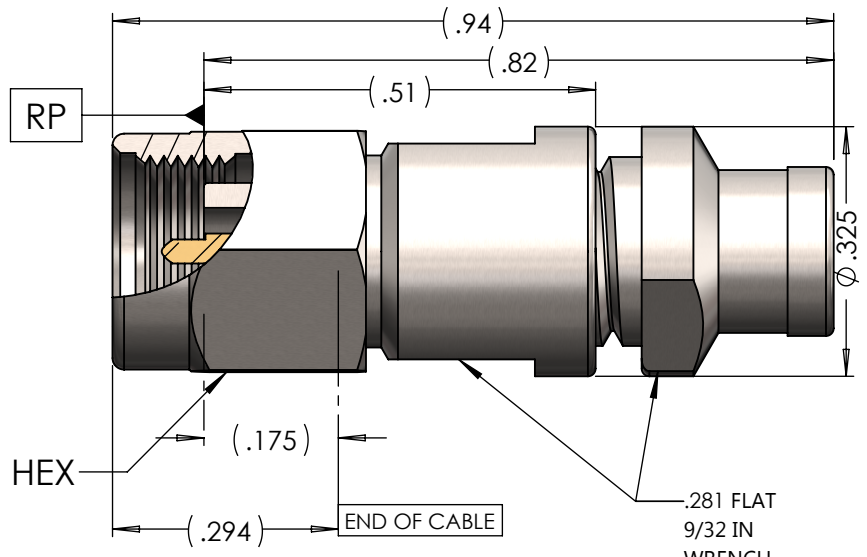
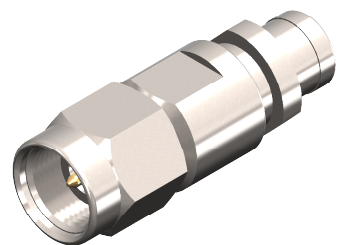
2.0 MATERIALS  
 2.1 BODY, COUPLING NUT, CLAMP NUT, BUSHING: SS 303, ASTM-A-582  
 2.2 CONTACT: BeCu, ASTM-B-196  
 2.3 BRAID CLAMP: BRASS, ASTM-B-16  
 2.4 DIELECTRIC BEAD: PEEK  
 2.5 GASKET: SILICONE RUBBER RED

3.0 FINISHES  
 3.1 BODY, COUPLING NUT, CLAMP NUT, BUSHING: PASSIVATED, ASM-QQ-P-35  
 3.2 CONTACT: GOLD, MIL-PRF-39012  
 3.3 BRAID CLAMP: NICKEL PER ASTM-B689

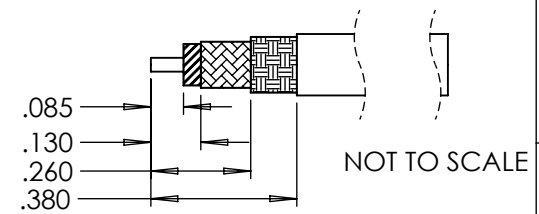
4.0 MECHANICAL  
 4.1 INTERFACES: MIL-STD-348B  
 4.2 DURABILITY: 500 CYCLES

DWG NO.		REV.	
OL-2901-139-1		A	
PART NUMBER	BODY	CONTACT	
2901-139-PJ	PASSIVATED	Au/Ni	

PLATING PER SAN-TRON SPEC. 7.3.1-8



HP160S CABLE:  
 JACKET OD: .160  
 ROUND BRAID OD: .145  
 FLAT BRAID OD: .120  
 DIELECTRIC OD: .108  
 CENTER COND. OD: .036



REVISIONS				
REV.	DESCRIPTION	DISP	DATE	APPROVED
A	RELEASE	NEW	12/12/19	JL

**Material:**  
SEE NOTES

**Finish:**  
SEE TABLE

UNLESS OTHERWISE SPECIFIED:  
 ALL DIMENSIONS ARE IN INCHES.  
 ALL DIMENSIONS ARE AFTER PLATING.

XXX = ±.005 ALL MACHINED SURFACES <sup>63</sup> MAX.  
 .XX = ±.01 ANG. ±1/2° FRACTIONAL = ± 1/64

⓪ .004 MAX TIR.    ⊓ ⊓ AXIS .001

Projection Method:  
**THIRD ANGLE**

REMOVE ALL BURRS AND SHARP EDGES  
 .005 MAX

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REF:      CAGE CODE:      Sheet:      Approved by:      Approved Date:

50896      1 of 1      FSH      12/12/2019

**Description:**  
 2.92mm (K) PLUG, EZ, CLAMP FOR HP160S CABLE

Designed by: JL      Drawn Date: 12/12/2019

Checked by: JS      Checked Date: 12/12/2019

Approved by: FSH      Approved Date: 12/12/2019

6 5 4 3 2 1