

1.0 PERFORMANCE

- 1.1 FREQUENCY RANGE: DC-11GHz
- 1.2 VOLTAGE RATING: 1000V RMS (sea level)
- 1.3 NOMINAL IMPEDANCE: 50 OHMS
- 1.4 DWV: 2500 V RMS @ 60 Hz (sea level)
- 1.5 TEMPERATURE RANGE: -65°C TO +165°C

2.0 MATERIALS

- 2.1 DIELECTRICS: TEFLON, ASTM-D-1710
- 2.2 CONTACT: BRASS PER ASTM-B-16

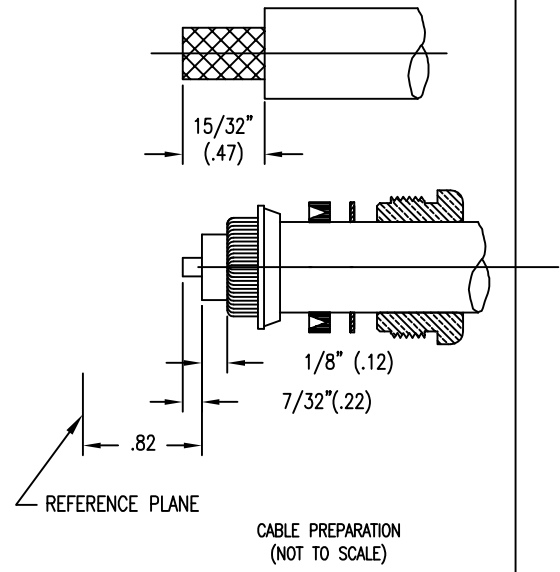
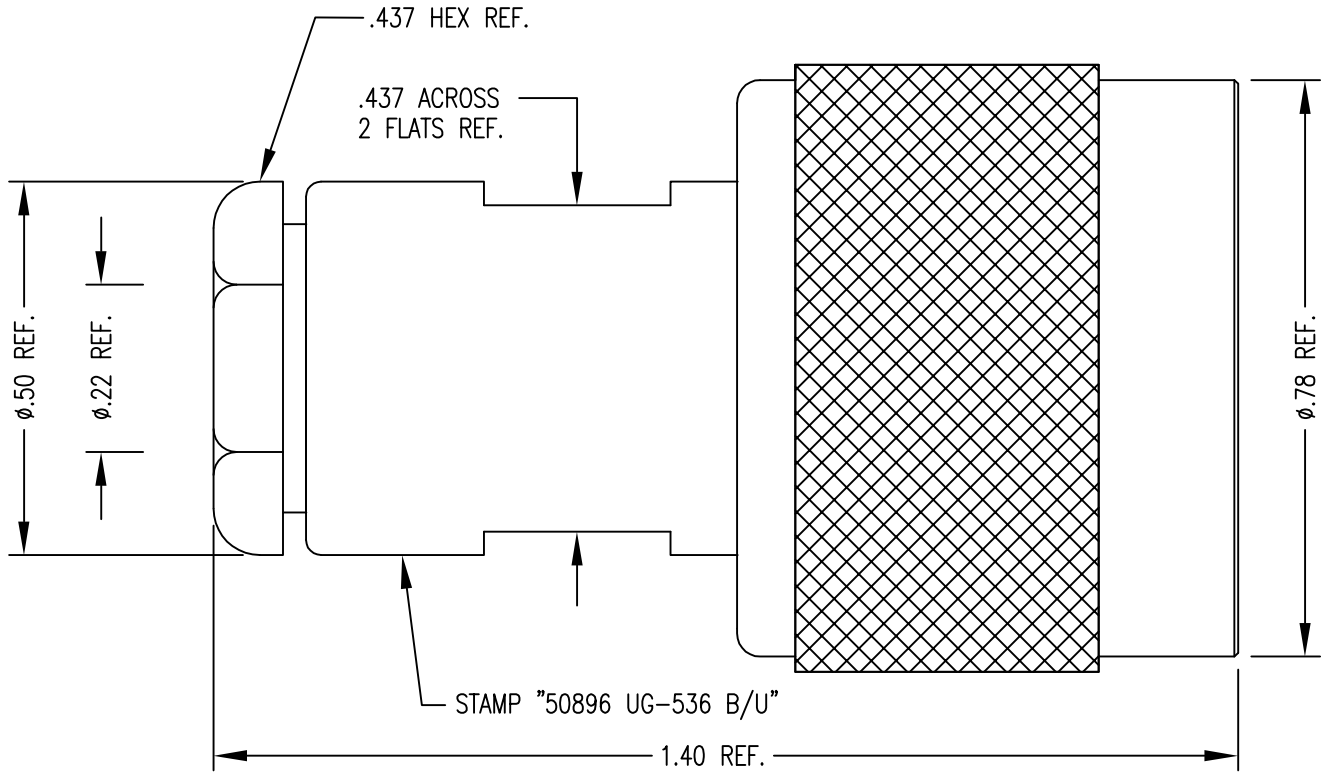
2.3 LOCKING RING: PHOS. BRONZE, ASTM-B-159, ALLOY 510

- 2.4 OTHER METAL PARTS: BRASS, ASTM-B-16
- 2.5 GASKETS: SILICON RUBBER, ZZ-R-765, GR. 50 (RED)
- 3.0 FINISHES:
- 3.1 CENTER CONTACTS: SEE TABLE
- 3.2 ALL OTHER METAL PARTS: SEE TABLE
- 4.0 MECHANICAL
- 4.1 INTERFACE IN ACCORDANCE WITH MIL-STD-348

DWG NO. OL-536B-1 REV. C

PLATING VARIATIONS		
PART NUMBER	BODY	CONTACT
UG-536 B/U	NICKEL	SILVER
UG-536 B/U NI/GOLD	NICKEL	GOLD
UG-536 B/U SI	SILVER	SILVER
UG-536 B/U SI/GOLD	SILVER	GOLD

DO NOT SCALE DRAWING



Rev.	Revisions	Disp.	Date	Dwn.	Appd.
C	REDRAWN, ADDED CABLE ASSY INSTRUCTIONS		04/27/04	DT	FSH
B	ADDED TABLE		04/23/98	MM	
A	ORIGINAL	NEW	02/03/98		

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UNLESS OTHERWISE SPECIFIED:  
 ALL DIMENSIONS ARE IN INCHES.  
 ALL DIMENSIONS ARE AFTER PLATING.  
 .XXX = ±.005 ALL MACHINED SURFACES  $\sqrt[63]{}$  MAX.  
 .XX = ±.01 ANG. ±1/2' FRACTIONAL = ±1/64

.004 MAX. TIR.      ⊥ AXIS .001

THIRD ANGLE PROJECTION

DWN	MM	02/03/98
CHKD	SJS	02/10/98
APPR	JO	02/10/98

REMOVE ALL BURRS AND SHARP EDGES .005 MAX. INTERPRET PER ASME Y14.5M-1994



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TITLE TYPE N STRAIGHT PLUG FOR RG-55, 58, 141, 142, 223/U CABLE

MATERIAL: SEE NOTE 2.0 FINISH: SEE NOTE 3.0

CAGE CODE: 50896 DWG NO. OL-536B-1 REV. C

SCALE X:X