

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: PTFE

2.2 CONTACTS: BRASS

- 2.3 CRIMP FERRULE: DHP SOFT COPPER, CDA 122, SOFT TEMPER

2.4 OTHER METAL PARTS: BRASS

3.0 FINISHES:

- 3.1 CENTER CONTACTS: SEE TABLE

- 3.2 ALL OTHER METAL PARTS: SEE TABLE

4.0 MECHANICAL

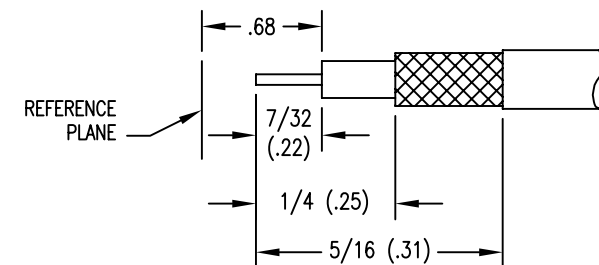
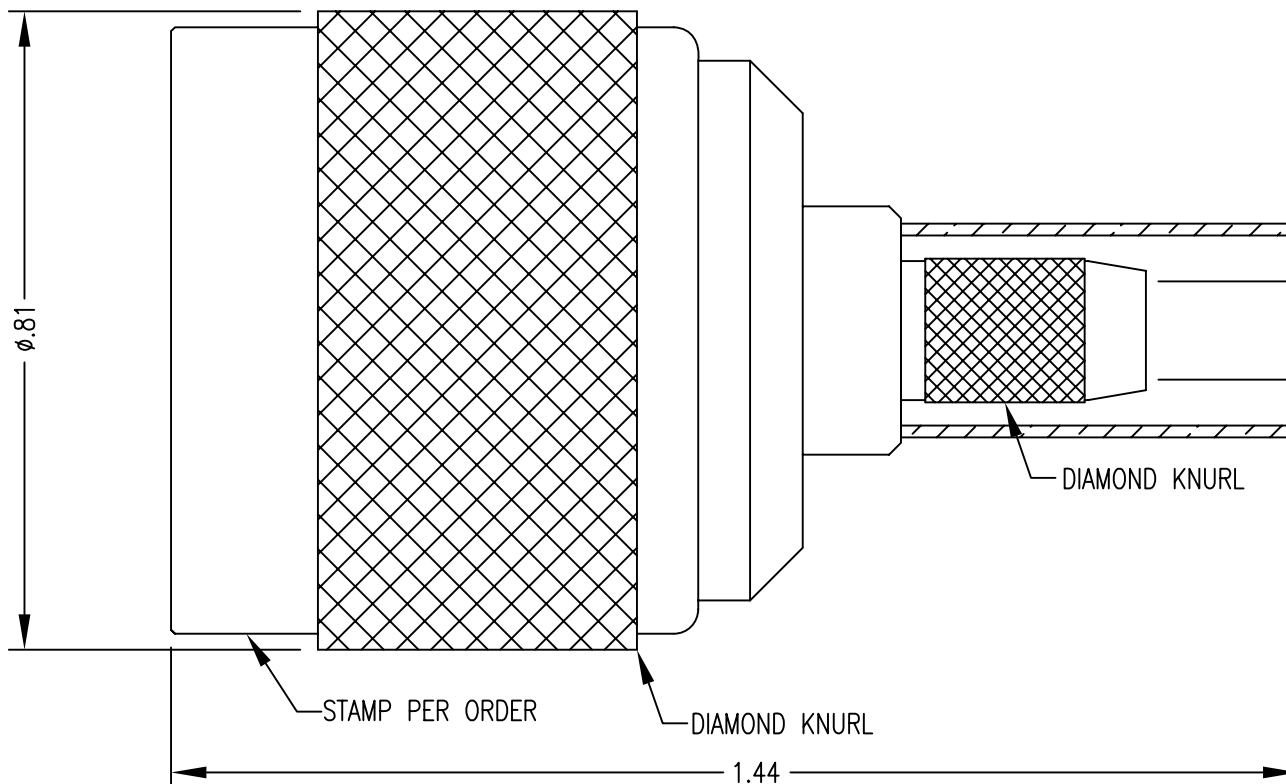
- 4.1 INTERFACE IN ACCORDANCE WITH MIL-STD-348

- 4.1 CENTER CONTACT RETENTION: NON-CAPTIVE

DWG NO. OL-0401-37-1 REV. C

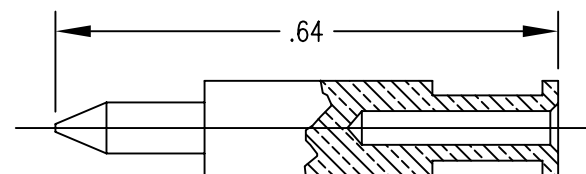
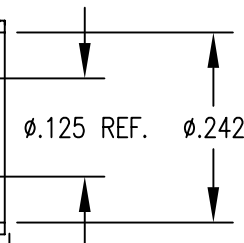
PLATING VARIATIONS

PART NUMBER	BODY	CONTACT
0401-37	NICKEL	SILVER
0401-37 NI/GOLD	NICKEL	GOLD



CABLE PREPARATION (NOT TO SCALE)

CRIMP TOOLS:
BRAID: .231 HEX
CONTACT: .069 DIAMOND



Rev.	Revisions	Disp.	Date	Dwn.	Appd.
C	UPDATED CRIMP SIZE FROM .213 TO .231 FOR NEW CRIMP	FIFO	1/8/09	JTH	FSH
B	ADD CRIMP TOOLS	USE	5/3/05	FSH	FSH
A	ORIGINAL	NEW	04/30/04		

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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

DWN	DT	04/30/04
CHKD	SJS	05/10/04
APPR	FSH	05/11/04

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TITLE CRIMP/CRIMP N PLUG FOR RG-55 & 142/U CABLES			
MATERIAL: SEE NOTE 2.0		FINISH: SEE NOTE 3.0	
CAGE CODE: 50896		DWG NO. OL-0401-37-1	
SCALE X:X		REV. C	