

NOTES:

1. MATERIALS & FINISHES:

BODY = BRASS (ASTM-B-16 H02, C36000), NICKEL PLATED (.000100/.000250) THICK.  
 AN UNDERLAY OF .000020 COPPER IS OPTIONAL TO ASSIST ADHESION REQUIREMENTS.  
 SLEEVE = BRASS (ASTM-B16, H02, C36000), NICKEL PLATED (.000100/.000250) THICK.  
 AN UNDERLAY OF .000020 COPPER IS OPTIONAL TO ASSIST ADHESION REQUIREMENTS.  
 MALE CONTACT = BRASS (ASTM-B-16 H02, C36000), TIN PLATE (.000100/.000300) THICK PER MIL-T-10727.  
 COMPRESSION RING = MUSIC WIRE, HIGH CARBON STEEL ALLOY PER ASTM A228.  
 FERRULE = SEAMLESS COPPER TUBING, ALLOY 122 (DHP), ASTM-B75 HARD. DRAWN TO ROCKWELL  
 58-77 ON 30T SCALE, NICKEL PLATED (.000100/.000250 THICK. AN UNDERLAY OF .000020 COPPER IS  
 OPTIONAL TO ASSIST ADHESION REQUIREMENTS.  
 INSULATOR = TPX RT18, POLYMETHYPENTENE COPOLYMER, COLOR: NATURAL.  
 SPLIT WASHERS (2) = BLUE TEMPER SPRING STEEL, 1075

2. PACKAGING:

A. BULK PACKAGE CONNECTOR 100 PER BAG.  
 B. MARK BAG OR TAG "81-201-4050 YYWW".

3. INSULATOR (ITEM 4) IS A SLIP FIT INTO BODY (ITEM 6).  
 STAKE BODY AS SHOWN TO RETAIN INSULATOR.

4. CONTACT (ITEM 7) & FERRULE (ITEM 1) TO BE SUPPLIED UNASSEMBLED.

5. INSULATOR MUST WITHSTAND A 6 LB. MIN. PUSHOUT FORCE FROM CABLE END OF CONNECTOR.

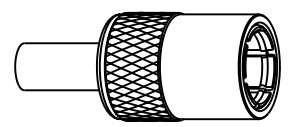
6. CRIMP USING AMPHENOL TOOL 227-944 (M22520/5-01)  
 AND DIE SET 227-1221-11, CAVITY "A" (.213 HEX.)  
 AND CAVITY "B" (.068 HEX.)

7. SLEEVE, ITEM 5, MUST WITHSTAND A 75LB. MIN. PULL.

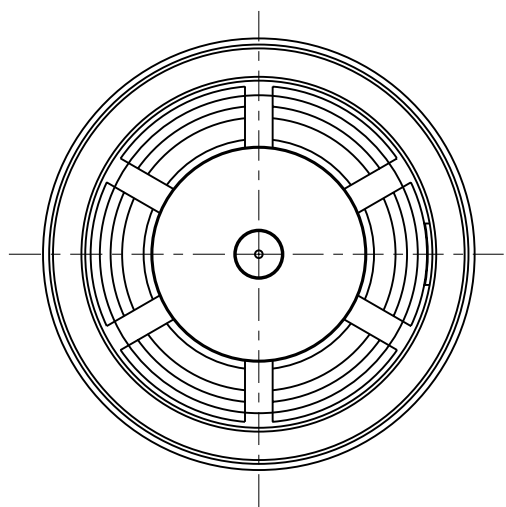
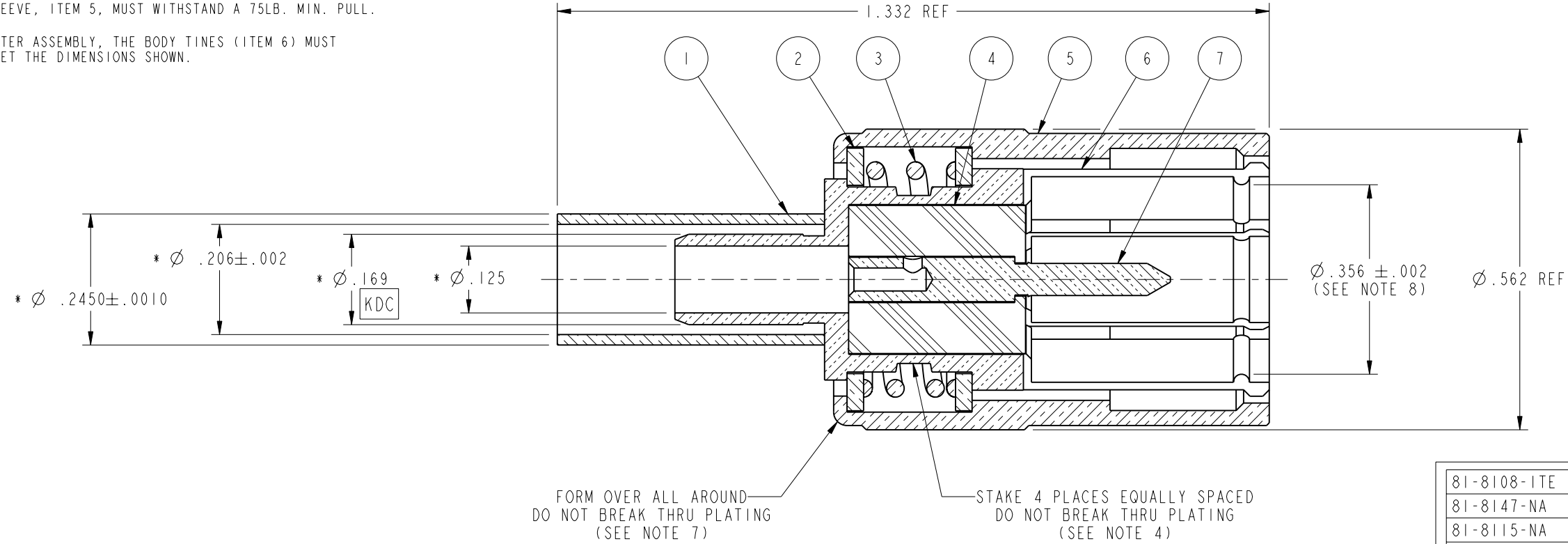
8. AFTER ASSEMBLY, THE BODY TINES (ITEM 6) MUST  
 MEET THE DIMENSIONS SHOWN.

81-201-4050		REVISIONS			
DRAWING NO.	REV	DESCRIPTION	DATE	ECO	APPR
THIRD ANGLE PROJ.	A	RELEASE TO MFG	11/14/01	43888	CPM
	B	SPLIT WASHERS WERE NICKEL PLATE BECU	8/12/02	44149	CPM
	C	A) ITEM 6 WAS: 81-8113-NA B) ADDED NOTE 8 AND $\varnothing .356 \pm .002$	3/13/03	44397	BCG

**CONFIGURATION CONTROL:**  
**NO CHANGES PERMITTED TO DRAWING WITHOUT**  
**PPAP QUALIFIED CUSTOMER APPROVAL**



SCALE 1.000



81-8108-ITE	1	7	MALE CONTACT	NOTE 1
81-8147-NA	1	6	BODY	NOTE 1
81-8115-NA	1	5	SLEEVE	NOTE 1
81-8114	1	4	INSULATOR	
81-8116	1	3	COMPRESSION SPRING	
81-8117	2	2	SPLIT WASHER	
81-8118-NA	1	1	FERRULE	NOTE 1
PART NUMBER	QTY.	ITEM	DESCRIPTION	FINISH

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES AND TOLERANCES ARE: 2 PLACE DECIMAL $\pm .015$ (0,381 mm)    3 PLACE DECIMAL $\pm .005$ (0,127 mm)    ANGLES $\pm 1^\circ$	MATERIAL	DRAWN MIKE HOYACK	DATE 8/7/02	TITLE <b>MINI-UHF SNAP-ON PLUG                  FOR RG-58</b>		<b>Amphenol</b> Amphenol Corporation Communication and Network Products Division Danbury, CT U.S.A. 06810 SCALE: 4.0:1    SHEET 1 OF 1	
	REFERENCE EAR# 967340 GEN# ASSYM2_MINI-UHF MODEL: 81-201-4050 611X-3825 KDC = KEY DESIGN CHARACTERISTICS	ENGINEER G. ANTONINI	DATE 11/8/01				
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