NOTICE — WHEN GOVERNMENT DRAWINGS, SPECIFICATIONS, OR OTHER DATA ARE USED FOR ANY PURPOSE OTHER THAN IN CONNECTION WITH A DEFINITELY RELATED GOVERNMENT PROCUREMENT OPERATION, THE UNITED STATES GOVERNMENT THEREBY INCURS NO RESPONSIBILITY NOR ANY OBLIGATION WHATSOEVER; AND THE FACT THAT THE GOVERNMENT MAY HAVE FORMULATED, FURNISHED, OR IN ANY WAY SUPPLIED THE SAID DRAWINGS, SPECIFICATIONS OR OTHER DATA IS NOT TO BE REGARDED BY IMPLICATION OR OTHERWISE AS IN ANY MANNER LICENSING THE HOLDER OR ANY OTHER PERSON OR CORPORATION, OR CONVEYING ANY RIGHTS OR PERMISSION TO MANUFACTURE, USE, OR SELL ANY PATENTED INVERTION THAT MAY IN ANY WAY BE RELATED THERETO.

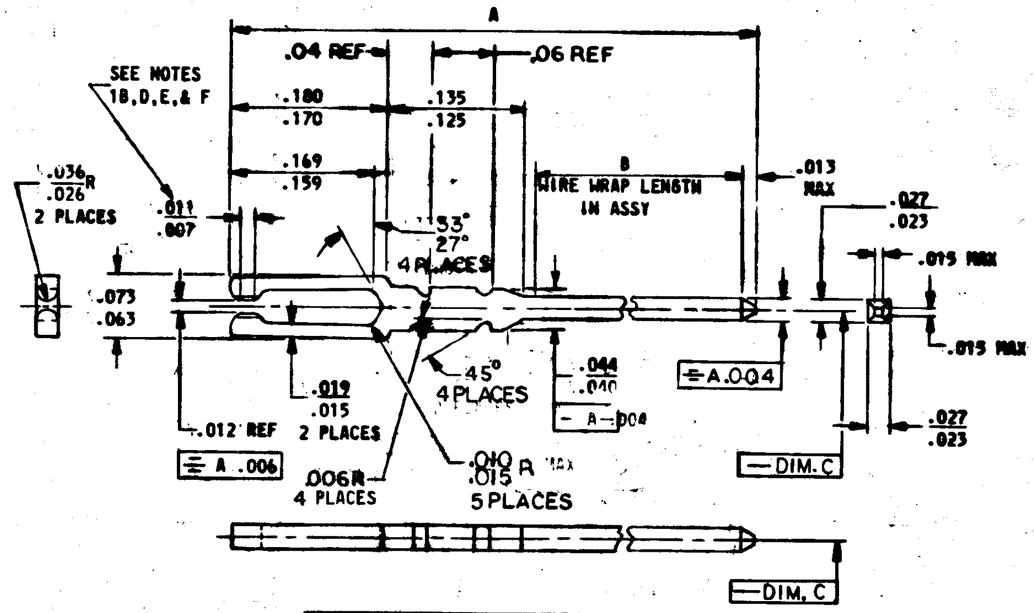
1829001

REVISIONS TDRR 001 thru 29 12-20-62			
SYM	DESCRIPTION	DATE	APPROVAL
	ORIGINATED		
A	REVISED PER TDRR 03036	10/28/63	WR
B	REVISED PER TDRR 04004	12/6/63	WR
C	REVISED PER TDRR 06704	3/10/64	WR
D	REVISED PER TDRR 11328	7/6/64	WR
E	REVISED PER TDRR 13666	9/8/64	WR
F	REVISED PER TDRR 18750	5/11/65	WR
G	REVISED PER TDRR 24029	11/23/65	WR
H	REVISED PER TDRR 25132	1/18/66	WR
J	REVISED PER TDRR 27405	4/29/66	WR
K	REVISED PER TDRR 28151	4/21/66	WR
L	REVISED PER TDRR 29092	6-7-66	WR

NOTES:

1. REQUIREMENTS:
   - A. MATERIAL: BERYLLIUM COPPER PER QQ-C-533. ALLOY 172 (BEFORE MANUFACTURING).
   - B. FINISH: GOLD PLATE, .000050 MINIMUM THICKNESS PER MIL-G-45204, TYPE II OVER SILVER PLATE PER QQ-S-365, .0002 MINIMUM THICKNESS AT CONTACT AREA.
   - C. HEAT TREATMENT: PER MIL-H-7199, ROCKWELL ~~30-N~~ 50-N SCALE.
   - D. SURFACE QUALITY: 50√ PER STANDARD MIL-STD-10 AT CONTACT AREA.
   - E. INSERTION: 10 OUNCES MAXIMUM.
   - F. RETENTION: 2 OUNCES MINIMUM.
   - G. SUPPLIER SHALL CONFORM TO THE QUALITY ASSURANCE PROVISIONS SPECIFIED IN NASA DOCUMENT ND 1015404 CLASS III.
   - H. SYMMETRY: PART MAY BE RESTRAINED DURING MEASUREMENT
2. INTERPRET DRAWING IN ACCORDANCE WITH STANDARDS PRESCRIBED BY MIL-D-70327.
3. MARKING:
   - A. INTERNAL AND EXTERNAL PACKAGES SHALL BE MARKED PER ND1002019 WITH THE FOLLOWING:
     - (1) SUPPLIERS NAME
     - (2) NASA DRAWING NUMBER, REVISION LETTER, AND DASH NO.
     - (3) SUPPLIERS LOT NUMBER & DATE OF MANUFACTURE
     - (4) MANUFACTURER'S PART NO. MAY APPEAR ON THE PACKAGE.
4. PRESERVATION, PACKAGING AND PACKING PER ND1002215, CLASS 1, CODE 3

DASH NO.	DIMENSIONS A	B REF	C
1	.518 .508	.175	.010
2	.693 .683	.350	.010
3	.843 .833	.500	.010
4	.668 .658	.325	.010
5	2.590 2.580	2.247	.031
6	2.473 2.463	2.130	.031
7	1.093 1.083	.750	
8	.793 .783	.450	
9	2.423 2.413	2.080	
10	.743 .733	.400	



QTY REQD	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	FIND NO.

LIST OF MATERIALS

PROCURE ONLY FROM APPROVED SOURCES LISTED ON ND1002034 FOR THIS DRAWING

MASTER

NEXT ASSY	USED ON
APPLICATION	

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
TOLERANCES ON FRACTIONS ± DECIMALS ± ANGLES ±
DO NOT SCALE THIS DRAWING
MATERIAL: SEE NOTES
HEAT TREATMENT: NONE
FINAL FINISH: NONE

MIT INSTRUMENTATION LAB, CAMBRIDGE, MASS.
DWG. NO. | CONTRACT

DRAWN Ray Wheeler DATE 30 Nov 62
CHECKED H Maynard 13 DEC '62
APPROVAL Joe Morton
APPROVAL D J Duggan
NASA APPROVAL W J Ellis 12-20-62
MIT APPROVAL A Hoffman 20 Dec 62

MANNED SPACECRAFT CENTER
HOUSTON, TEXAS

CONTACT, WRAPOST, FEMALE, MINIATURE
SPECIFICATION CONTROL DRAWING

CODE IDENT NO.	SIZE	NASA DRAWING NO.
80230	C	1006781

SCALE NONE | WT | SHEET 1 OF 1