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NOTES:

1. GENERAL REQUIREMENTS:

- A. MATERIAL: SHALL BE UNPLATED NICKEL IN ACCORDANCE WITH PS 1015400.
A CERTIFICATE OF COMPLIANCE WILL ACCOMPANY ALL LOTS SHIPPED.
- B. ELECTRICAL:
CONDUCTOR RESISTANCE (DC) AT 20°C: SHALL BE AS SHOWN IN TABLE 1. (FOR REF ONLY)

2. CONSTRUCTION REQUIREMENTS:

- A. PACKAGING:
THE WIRE SHALL BE SHIPPED TOGETHER WITH A DESICCANT AND SEALED IN A PACKAGE.

3. INTERPRET DRAWING IN ACCORDANCE WITH STANDARDS PRESCRIBED BY MIL-D-70327.

4. WIRE ORDERED BY THESE DASH NUMBERS SHALL BE GOLD PLATED PER MIL-G-45204 AS A SPECIFIED OPTION IN ND 1015400.

1006757

REVISIONS RELEASE C0027 9-13-62

| SYM | DESCRIPTION | DATE | APPROVAL |
|-----|--|-------------|----------|
| C | REPLACES REV B WITH CHANGE PER TDRR 00513 | | WK |
| D | REVISED & UPGRADED TO A RELEASE PER TDRR 00951 | 24 APR 1963 | WK |
| E | REVISED PER TDRR 01398 | 5-29-63 | WK |
| F | REVISED PER TDRR 01452 | 6/5/63 | WK |
| G | REVISED PER TDRR 02737 | 8/21/63 | WK |
| H | REVISED PER TDRR 02968 | 5-19-63 | WK |
| J | REVISED PER TDRR 03394 | 9-26-63 | WK |
| K | REVISED PER TDRR 05198 | 10-20-63 | WK |
| L | REVISED PER TDRR 06437 | 11-16-63 | WK |
| M | REVISED PER TDRR 13992 | 12-22-63 | WK |

TABLE 1

| DASH NO. (SEE NOTE 4) | DASH NO. | CONDUCTOR DIMENSIONS | CONDUCTOR RESISTANCE OHMS/FOOT AT 20°C ± 10% |
|--------------------------|----------|-------------------------------|---|
| -14 | -1 | .0100 ± .0005 X .0200 ± .001 | .2356 |
| -15 | -2 | .0100 ± .0005 X .0300 ± .001 | .1571 |
| -16 | -3 | .0200 ± .0005 X .0200 ± .0005 | .1178 |
| -17 | -4 | .0250 ± .0005 X .0250 ± .0005 | .0754 |
| -18 | -5 | .0100 ± .0005 X .0500 ± .001 | .0942 |
| -19 | -6 | .0100 ± .0005 X .0150 ± .001 | .3142 |
| -20 | -7 | .0050 ± .0005 X .020 ± .001 | .4712 |
| -13 | -8 | .0200 ± .0005 DIA. | .1500 |
| -21 | -9 | .0320 ± .0005 DIA | .0585 |
| -22 | -10 | .0403 ± .0005 DIA | .0361 |
| -23 | -11 | .0250 ± .0005 DIA | .0958 |
| -24 | -12 | .0100 ± .0005 DIA | .6000 |

MASTER

© REPLACES REV B WITH CHANGE

PROCURE ONLY FROM APPROVED SOURCES LISTED ON ND1002034 FOR THIS DRAWING

INCHES
0 1 2
PHOTOGRAPHIC SCALE ONLY

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| NEXT ASSY | USED ON |
| APPLICATION | |

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ON
FRACTIONS DECIMALS ANGLES
± ± ±
DO NOT SCALE THIS DRAWING
MATERIAL
SEE NOTE 1
HEAT TREATMENT
FINAL FINISH

| | | | |
|--|----------------------------|--|-----------------------------|
| QTY REQD | PART OR IDENTIFYING NO. | NOMENCLATURE OR DESCRIPTION | FIND NO. |
| LIST OF MATERIALS | | | |
| MIT INSTRUMENTATION LAB CAMBRIDGE, MASS. DWG. NO. CONTRACT | | MANNED SPACECRAFT CENTER HOUSTON, TEXAS | |
| DRAWN R. CHIN DATE 7-12-62 CHECKED J. E. Gorton APPROVAL W. B. Turner APPROVAL E. C. Hall | | WIRE, ELECTRICAL NICKEL, ROUND, SQUARE & RECTANGULAR SPECIFICATION CONTROL DRAWING | |
| NASA APPROVAL W. D. R. Hine 9-13-62 MIT APPROVAL W. H. Huffer 9/13/62 | | CODE IDENT NO. C | NASA DRAWING NO. 1006757 |
| SCALE NONE | | WT | SHEET 1 OF 1 |