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1006757

| REVISIONS B RELEASE 0027 9-13-62 |  |             |          |
|----------------------------------|--|-------------|----------|
| SYM                              | DESCRIPTION                                    | DATE        | APPROVAL |
| C                                | REPLACES REV B WITH CHANGE PER TDRR 00513      |             | WR       |
| D                                | REVISED & UPGRADED TO A RELEASE PER TDRR 00951 | 21 APR 1963 | WR       |
| E                                | REVISED PER TDRR 01388                         | 5-29-63     | WR       |
| F                                | REVISED PER TDRR 01452                         | 6/5/63      | WR       |
| G                                | REVISED PER TDRR 02737                         | 8/2/63      | WR       |

NOTES:

- GENERAL REQUIREMENTS:
  - MATERIALS SHALL BE NICKEL IN ACCORDANCE WITH PS 1015400. A CERTIFICATE OF COMPLIANCE WILL ACCOMPANY ALL LOTS SHIPPED.
  - ELECTRICAL:
    - CONDUCTOR RESISTANCE (DC) AT 20°C: SHALL BE AS SHOWN IN TABLE 1.
- CONSTRUCTION REQUIREMENTS:
  - PACKAGING:
    - THE WIRE SHALL BE SHIPPED TOGETHER WITH A DESICCANT AND SEALED IN A PACKAGE.
- INTERPRET DRAWING IN ACCORDANCE WITH STANDARDS PRESCRIBED BY MIL-D-70327.

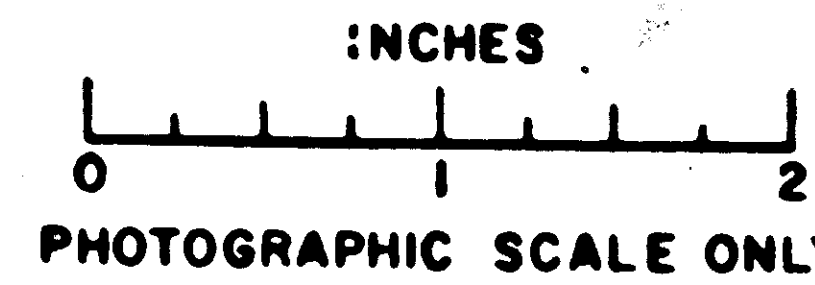
TABLE 1

| DASH NO. | CONDUCTOR DIMENSION ±0.0005 | CONDUCTOR RESISTANCE OHMS/FOOT AT 20°C ± 10% |
|----------|-----------------------------|--|
| -1       | .0100 X .0200               | .2356  |
| -2       | .0100 X .0300               | .1571  |
| -3       | .0200 X .0200               | .1178  |
| -4       | .0250 X .0250               | .0754  |
| -5       | .0100 X .0500               | .0942  |
| -6       | .0100 X .01500              | .3142  |
| -7       | .005 X .020                 | .4712  |
| -8       | .0200 DIA                   | .1500  |
| -9       | .0320 DIA                   | .0585  |
| -10      | .0403 DIA                   | .0361  |

MASTER

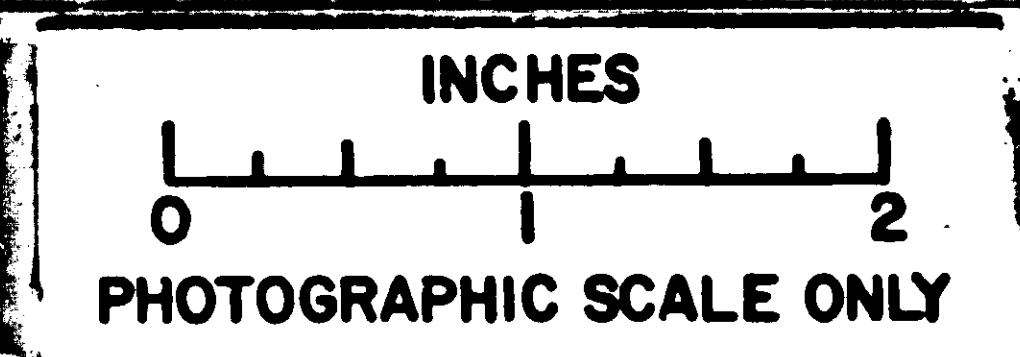
© REPLACES REV B WITH CHANGE

PROCURE ONLY FROM APPROVED SOURCES LISTED ON ND1002034 FOR THIS DRAWING



| QTY REQD                                    | PART OR IDENTIFYING NO. | NOMENCLATURE OR DESCRIPTION  | FIND NO. |
|---|-------------------------|--|----------|
| LIST OF MATERIALS                           |                         |  |          |
| MIT INSTRUMENTATION LAB<br>CAMBRIDGE, MASS. |                         | MANNED SPACECRAFT CENTER<br>HOUSTON, TEXAS   |          |
| DRAWN R. CHIN DATE 7-12-62                  |                         | WIRE, ELECTRICAL<br>NICKEL, ROUND, SQUARE & RECTANGULAR<br>SPECIFICATION CONTROL DRAWING |          |
| CHECKED [Signature]                         |                         |  |          |
| APPROVAL [Signature]                        |                         | CODE IDENT NO. SIZE  |          |
| APPROVAL [Signature]                        |                         | C  |          |
| NASA APPROVAL [Signature] 9-17-62           |                         | NASA DRAWING NO. 1006757   |          |
| MIT APPROVAL [Signature] 9/13/62            |                         | SCALE NONE WT. # SHEET 1 OF 1  |          |
| 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



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