

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 INVENTION THAT MAY IN ANY WAY BE RELATED THERETO.

NOTES:

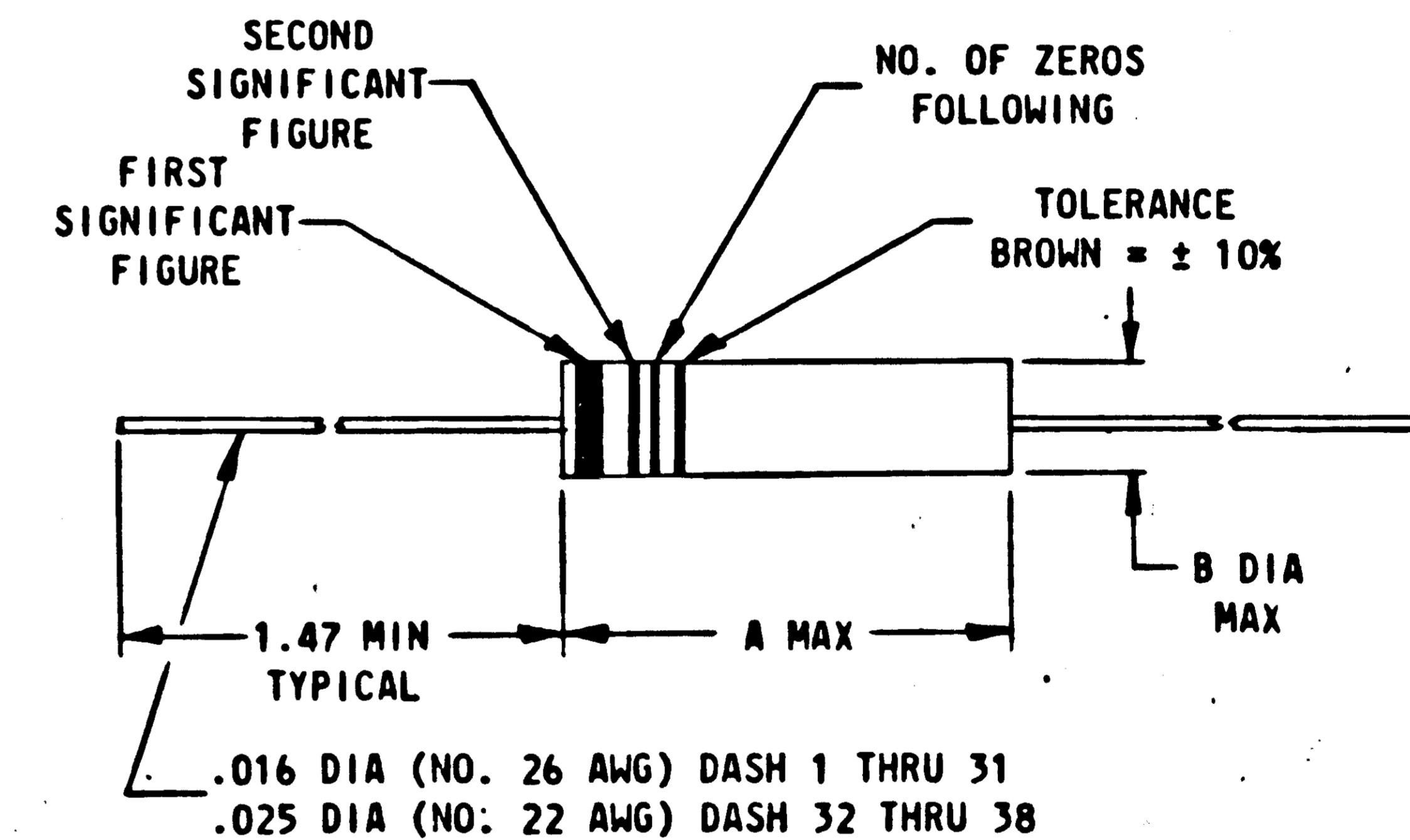
- THESE CAPACITORS SHALL MEET THE REQUIREMENTS OF MIL-C-11015 AND MIL-C-11015/20 WITH THE EXCEPTIONS AND ADDITIONS SPECIFIED. IN CASE OF CONFLICT BETWEEN THIS DRAWING AND REFERENCED SPECS, THIS DRAWING SHALL GOVERN.
 - INSULATION RESISTANCE: 100 MICROFARAD-MEGOHMS OR 10,000 MEGOHMS WHICHEVER IS LESS.
 - VALUES MARKED * ARE NON-STANDARD VALUES PER MIL-C-11015/20 BUT SHALL MEET ALL THE OTHER REQUIREMENTS.
 - COLOR CODE: SHALL BE COLOR CODED WITH BANDS OR DOTS AS SHOWN IN FIGURE TO DENOTE CAPACITANCE VALUE IN PICOFARADS.
 - VOLTAGE RATING: 100 VDC AT 85°C DERATED TO 50 VDC AT 125°C
 - LEAD MATERIAL: (DUMET) IRON-NICKEL ALLOY, COPPER CLAD, ANNEALED AND GOLD PLATED IN ACCORDANCE WITH ND PS1015401.
 - MARKING: CAPACITORS SHALL BE MARKED WITH MANUFACTURER'S NAME OR SYMBOL, CAPACITANCE VALUE AND TOLERANCE, VOLTAGE RATING AND NASA PART NO.
 - PARTS SHALL MEET ENVIRONMENTAL REQUIREMENTS OF ND 1002000.
 - PARTS SHALL MEET QUALITY ASSURANCE PROVISIONS OF MIL-C-11015 AND SECTION 1 OF ND 1015404.
- INTERPRET DRAWING IN ACCORDANCE WITH STANDARDS PRESCRIBED BY MIL-D-70327.

| DASH NO. | CAP PF | A | B |
|----------|--------|------|------|
| -1 | 10 | .318 | .090 |
| -2 | 20 | | |
| -3 | 22 | | |
| -4 | 33 | | |
| -5 | 36 | | |
| -6 | 37 | | |
| -7 | 47 | | |
| -8 | 50 | | |
| -9 | 56 | | |
| -10 | 68 | | |
| -11 | 75 | | |
| -12 | 82 | | |
| -13 | 100 | | |
| -14 | 130 | | |
| -15 | 150 | | |
| -16 | 220 | | |
| -17 | 270 | | |
| -18 | 330 | | |
| -19 | 360 | | |
| -20 | 470 | | |
| -21 | 560 | | |
| -22 | 680 | | |
| -23 | 820 | | |
| -24 | 1000 | .318 | .090 |
| -25 | 2000 | .498 | .120 |
| -26 | 2200 | | |
| -27 | 3300 | | |
| -28 | 4700 | | |
| -29 | 5000 | .498 | .120 |
| -30 | 6800 | .498 | .160 |
| | MF | | |
| -31 | .010 | .498 | .160 |
| -32 | .020 | .498 | .200 |
| -33 | .022 | .648 | .240 |
| -34 | .033 | .648 | .240 |
| -35 | .047 | .648 | .240 |
| -36 | .050 | .648 | .240 |
| -37 | .068 | .748 | .280 |
| -38 | .100 | .748 | .280 |

| REVISIONS | | | |
|-----------|-------------------------------------------|------|----------|
| SYM | DESCRIPTION | DATE | APPROVAL |
| C | REPLACES REV B WITH CHANGE PER TDRR 00513 | | WK |

FOR INFORMATION ONLY

CLASS B RELEASE TDR No. 00165 DATE 12/12/62



© REPLACES REV C WITH CHANGE

FOR SOURCE OF SUPPLY:
SEE QUALIFIED VENDOR LIST
ND 1002034

NOTES

| | | |
|-------------|---------|-----------------------------------------------------|
| | | UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES |
| | | TOLERANCES ON |
| | | FRACTIONS DECIMALS ANGLES |
| | | ± ± ± |
| | | DO NOT SCALE THIS DRAWING |
| | | MATERIAL |
| | | SEE NOTES |
| | | HEAT TREATMENT NONE |
| NEXT ASSY | USED ON | FINAL FINISH NONE |
| APPLICATION | | |

| QTY REQD | PART OR IDENTIFYING NO. | NOMENCLATURE OR DESCRIPTION | FIND NO. |
|--------------------------------------------------------------------------------------------------|-------------------------|--------------------------------------------|-----------------------------|
| LIST OF MATERIALS | | | |
| MIT INSTRUMENTATION LAB CAMBRIDGE, MASS. CONTRACT | | MANNED SPACECRAFT CENTER HOUSTON, TEXAS | |
| DRAWN R. WHEELER DATE 21 NOV 62 CHECKED D. M. SLEEPER 27 NOV 62 APPROVAL EC Zell 11 DEC 62 | | CAPACITOR, FIXED, CERAMIC DIELECTRIC | |
| NASA APPROVAL WJ Rhine 12-12-62 | | SPECIFICATION CONTROL DRAWING | |
| | | CODE IDENT NO. SIZE C | NASA DRAWING NO. 1006777 |
| | | SCALE NONE WT | SHEET 1 OF 1 |