

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 DRAWINGS, SPECIFICATIONS OR OTHER DATA IS IN ANY WAY SUPPLIED BY THE UNITED STATES GOVERNMENT, OR OTHERWISE, DOES NOT TO BE REGARDED BY REPLICATION OR OTHERWISE AS IN ANY MANNER LICENSING THE HOLDER OR ANY OTHER PERSON OR CORPORATION, OR CONFERS 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.
- WAIVE AS REQUIRED ALL INFORMATION PRESENTED ON THIS DRAWING EXCEPT LEAD MATERIAL SPEC. & PHYSICAL DIMENSIONS.
 - UPON SPECIFIC INSTRUCTION BY (TD) TECHNICAL DIRECTIVE PROCURE THIS PART AS CHANGE LETTER A BY ORDERING TO VENDOR CATALOG NO. & SPECIFICATIONS. REFERENCE ND 1002034.
 - DISREGARD THIS NOTE IN ITS ENTIRETY IF REFERENCE IS MADE TO THIS DRAWING BY OTHER THAN REVISION LETTER A.

FOR SOURCE OF SUPPLY:
SEE QUALIFIED VENDOR LIST
ND 1002034

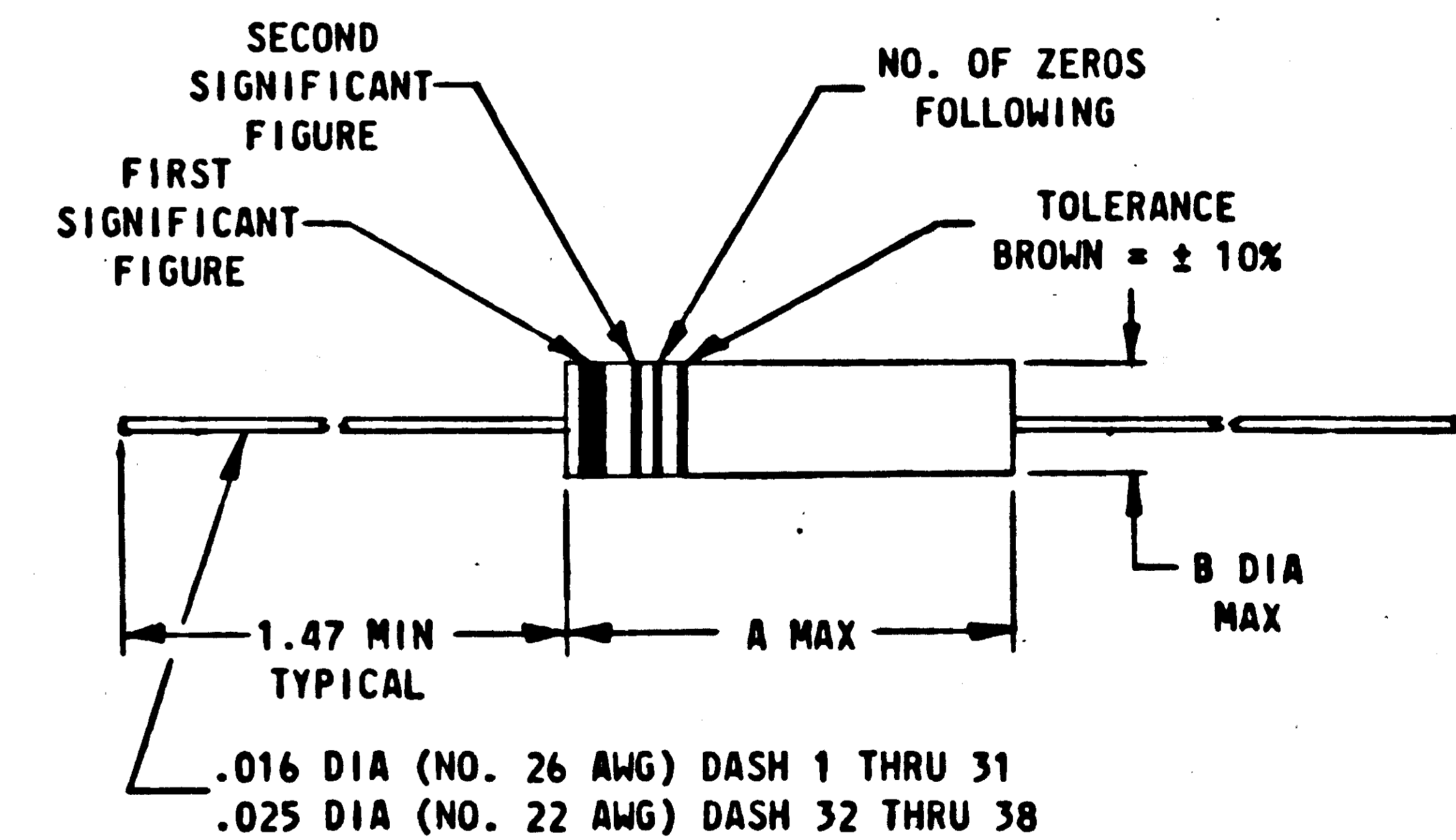
DASH NO.	CAP PF	A	B
-1	10	.318	.090
-2	20		
-3	22		
-4	33		
-5	36		
-6	37		
-7	47		
-8	50		
-9	56		
-10	68		
-11	75		
-12	82		
-13	100		
-14	130		
-15	150		
-16	220		
-17	270		
-18	330		
-19	360		
-20	470		
-21	560		
-22	680		
-23	820		
-24	1000	.318	.090
-25	2000	.498	.120
-26	2200		
-27	3300		
-28	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

(B) REPLACED WITH CHANGE BY REV C

MASTER

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	
NEXT ASSY USED ON APPLICATION	

QTY REQD	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	FIND NO.
LIST OF MATERIALS			
MIT INSTRUMENTATION LAB CAMBRIDGE, MASS.		MANNED SPACECRAFT CENTER HOUSTON, TEXAS	
DRAWN R. WHEELER DATE 21 NOV 62 CHECKED D. M. SLEEPER 27 NOV 62 APPROVAL EC 2/11/62		CAPACITOR, FIXED, CERAMIC DIELECTRIC	
APPROVAL		SPECIFICATION CONTROL DRAWING	
NASA APPROVAL WJG R. B. 12-2-62	CODE IDENT NO. SIZE C	NASA DRAWING NO. 1006777	
MIT APPROVAL WJG R. B. 12/2/62	SCALE NONE	WT	SHEET 1 OF 1



FOR INFORMATION ONLY
CLASS B RELEASE TDR No. 00165 DATE 12/12/62

B 1006777

REVISIONS			
SYM	DESCRIPTION	DATE	APPROVAL
A	ADDED PROCUREMENT NOTE 3 PER TDRR: 00433	2-20-63	WJR
B	REPLACED WITH CHANGE BY REV C PER TDRR 00513		WJR

1006777 BR