

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 THEREBY.

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.

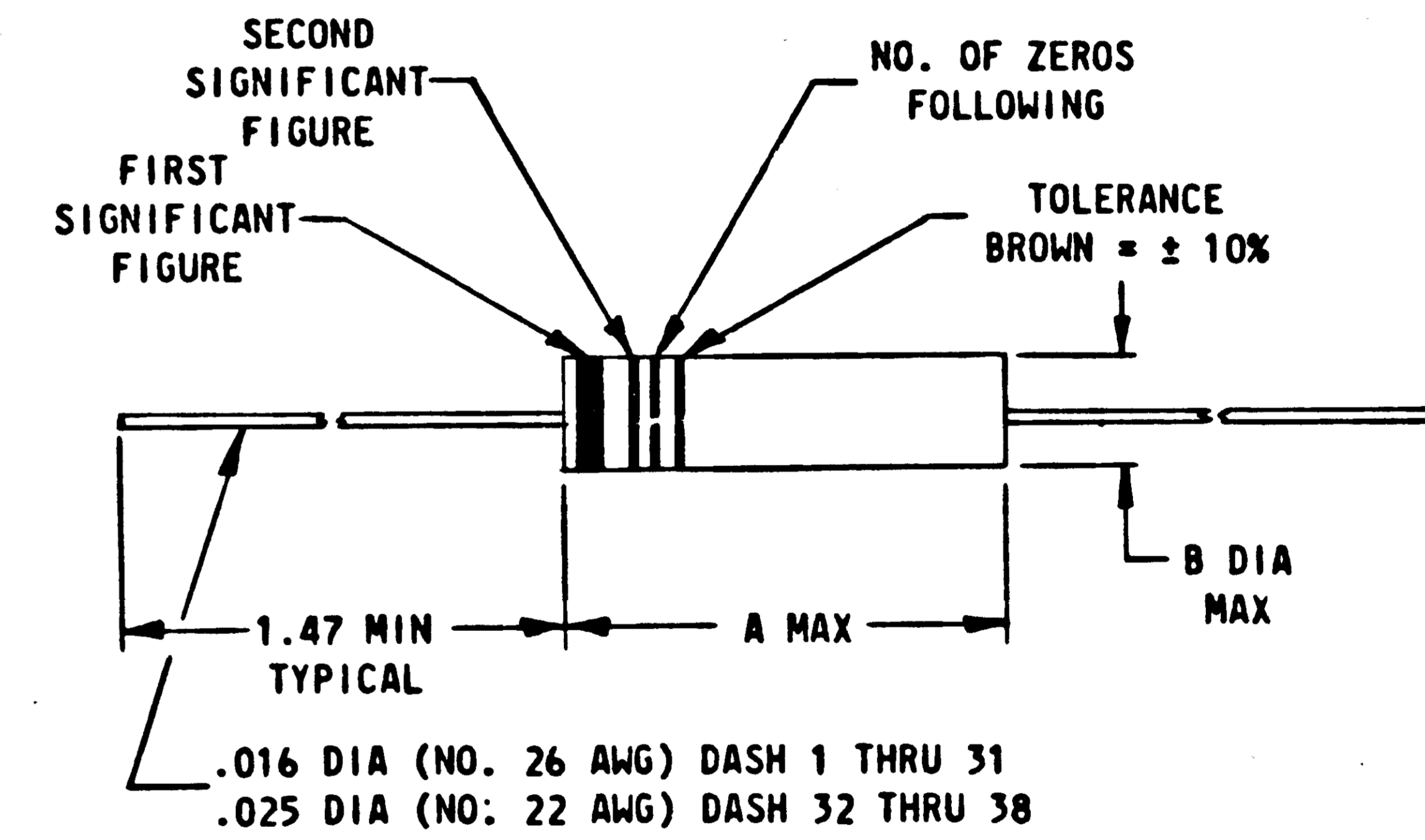
DASH NO.	CAP PF	A	B
-1	10	.318	.090
-2	20		
-3	22		
-4	33		
-5	36		
-6	37		
-7	47		
-8	50		
-9	56		
-10	68		
-11	75		
-12	82		
-13	100		
-14	130		
-15	150		
-16	220		
-17	270		
-18	330		
-19	360		
-20	470		
-21	560		
-22	680		
-23	820		
-24	1000	.318	.090
-25	2000	.498	.120
-26	2200		
-27	3300		
-28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

2 1006777

REVISIONS			
SYM	DESCRIPTION	DATE	APPROVAL
C	REPLACES REV B WITH CHANGE PER TDRR 00513		WK
D	REPLACED BY REV E WITH CHANGES PER TDRR 02885	12/12/62	Stebb DM

FOR INFORMATION ONLY

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



Ⓧ REPLACED BY REV E WITH CHANGES

Ⓞ REPLACES REV C WITH CHANGE

FOR SOURCE OF SUPPLY:
SEE QUALIFIED VENDOR LIST
ND 1002034

MASTER

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 Zell 11 Dec 62		CAPACITOR, FIXED, CERAMIC DIELECTRIC	
MATERIAL SEE NOTES		SPECIFICATION CONTROL DRAWING	
HEAT TREATMENT NONE		CODE IDENT NO. SIZE	NASA DRAWING NO.
NEXT ASSY USED ON		C	1006777
FINAL FINISH NONE		SCALE NONE	WT
APPLICATION		SHEET 1 OF 1	

