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NOTES:

1. GENERAL REQUIREMENTS:

A. UNITS SHALL MEET THE APPLICABLE REQUIREMENTS OF MIL-R-22684 FOR TYPE RL 20 WITH THE EXCEPTIONS AND ADDITIONS SPECIFIED HEREIN.

B. EXCEPTIONS:

- (1) UNITS SHALL HAVE WELDABLE GOLD COATED DUMET LEADS PER NASA DOCUMENT PS 1015401. A CERTIFICATE OF COMPLIANCE OF LEAD MATERIAL AND FINISH SHALL ACCOMPANY EACH LOT SHIPPED.
- (2) INITIAL RESISTANCE SHALL BE PLUS OR MINUS 2% OF THE SPECIFIED VALUE.
- (3) TEMPERATURE COEFFICIENT:
± 250 P.P.M./°C MAX FROM -55°C TO 150°C.
- (4) END OF LIFE TOLERANCE SHALL BE ± 4% OF NOMINAL VALUE SPECIFIED.

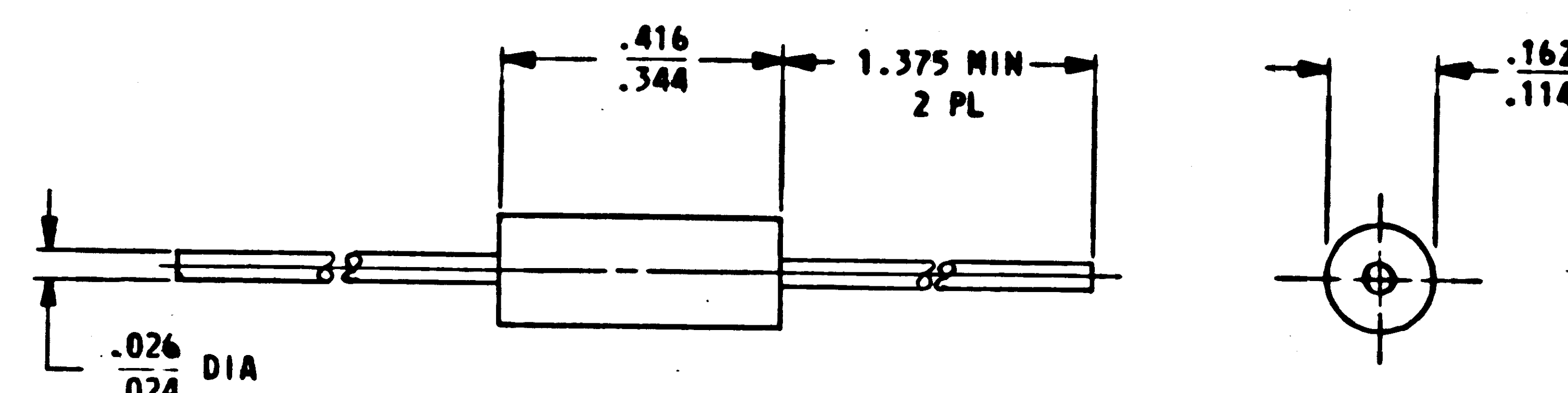
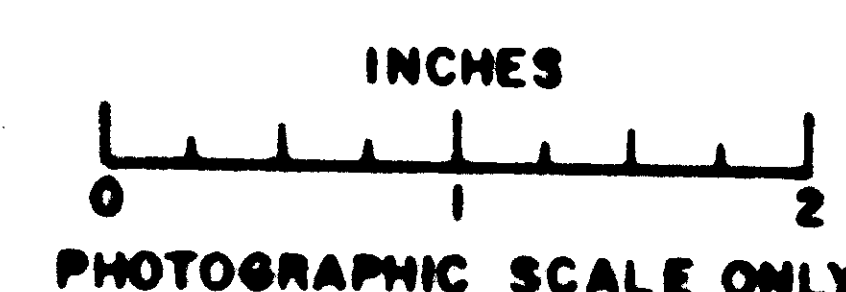
C. ADDITIONS:

- (1) UNITS SHALL BE CAPABLE OF MEETING THE ENVIRONMENTAL REQUIREMENTS OF NASA DOCUMENT 1002000.
- (2) THE SUPPLIER SHALL CONFORM TO THE QUALITY ASSURANCE PROVISIONS CONTAINED IN NASA DOCUMENT 1015404 SECTION I.
- D. INTERPRET DRAWING IN ACCORDANCE WITH STANDARDS PRESCRIBED BY MIL-D-70327.

BASIC RESISTANCE VALUE OHMS	MULTIPLIER					
	1	10	10 ²	10 ³	10 ⁴	10 ⁵
	DASH NUMBER					
10		8	32	56	80	
11		9	33	57	81	
12		10	34	58	82	
13		11	35	59	83	
15		12	36	60	84	
16		13	37	61	85	
18		14	38	62	86	
20		15	39	63	87	
22		16	40	64	88	
24		17	41	65	89	
27		18	42	66	90	
30		19	43	67	91	
33		20	44	68	92	
36		21	45	69	93	
39		22	46	70	94	
43		23	47	71	95	
47		24	48	72	96	
51	1	25	49	73		
56	2	26	50	74		
62	3	27	51	75		
68	4	28	52	76		
75	5	29	53	77		
82	6	30	54	78		
91	7	31	55	79		

ORIGINAL SOURCE OF SUPPLY:

CORNING GLASS WORKS
BRADFORD, PENNSYLVANIA
CODE IDENT NO. 07115
TYPE: C20



QTY REQD	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	FIND NO.
LIST OF MATERIALS			
MIT INSTRUMENTATION LAB CAMBRIDGE, MASS. DWS NO. CONTRACT		MANNED SPACECRAFT CENTER HOUSTON, TEXAS	
DRAWN <i>Ray Wheeler</i> DATE 10/18/62 CHECKED <i>H. Maynard</i> 25 OCT 62 APPROVAL <i>Greg C. Hall</i> 21 Nov 62 APPROVAL <i>D. J. Pappas</i>		RESISTORS, FIXED METAL FILM 1/2 WATT, 2% SPECIFICATION CONTROL DRAWING	
NASA APPROVAL <i>John Bannard</i> MIT APPROVAL <i>W. H. Pappas</i> 21 Nov 62		CODE IDENT NO. C	NASA DRAWING NO. 1006760
SCALE 4/1		WT	SHEET 1 OF 1