

IF IT IS FOUND DESIRABLE TO CHANGE ANY TOLERANCE OR OTHER DETAIL SPECIFIED ON THIS DRAWING NOTIFY THE PURCHASER PROMPTLY.

MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES

STANDARD DRAWING

CM 35 G

TYPE DESIGNATION	CAP. $\mu\text{mf.}$	D.C. WKG. V.	CHARACTERISTICS AVAILABLE AT		COLOR CODE		
			$\pm 2\%$ (G)	$\pm 5\%$ (J)	UPPER CENTER DOT	UPPER RIGHT DOT	LOWER RIGHT DOT
CM35-471-03	470						
-511-03	510						
-561-03	560						
-621-03	620						
-681-03	680						
-751-03	750						
-821-03	820						
-911-03	910						
-102-03	1,000						
-112-03	1,100						
-122-03	1,200						
-132-03	1,300						
-152-03	1,500						
-162-03	1,600						
-182-03	1,800						
-202-03	2,000						
-222-03	2,200						
-242-03	2,400						
-272-03	2,700						
-302-03	3,000						
-332-03	3,300						
-362-03	3,600	500	CEF	BCDEF	ORANGE	BLUE	RED
-392-03	3,900					WHITE	
-432-03	4,300					YELLOW	RED
-472-03	4,700					"	VIOLET
-512-03	5,100					GREEN	BROWN
-562-03	5,600					"	BLUE
-622-03	6,200					BLUE	RED
-682-03	6,800	300				"	GRAY
-752-03	7,500					VIOLET	GREEN
-822-03	8,200					GRAY	RED
-912-03	9,100					WHITE	BROWN
-103-03	10,000					BROWN	BLACK
							ORANGE

REPLACED BY THE APPROPRIATE VALUE IN STYLE CM15

CAPACITANCE VALUES FROM 560 TO 3300 FORMERLY INCLUDED IN STYLE CM 35 SHALL BE REPLACED BY THE APPROPRIATE CAPACITANCE VALUE IN STYLE CM 30. REF: S-805

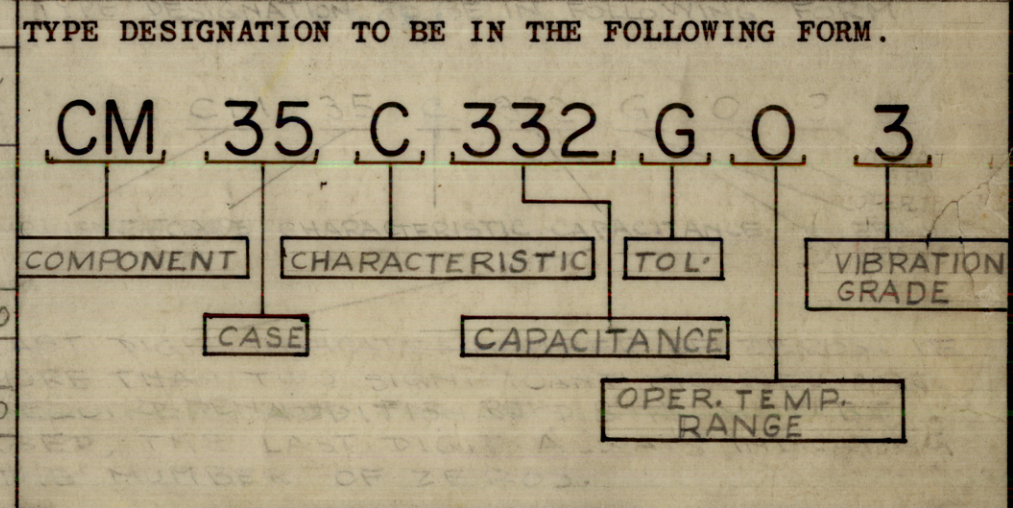
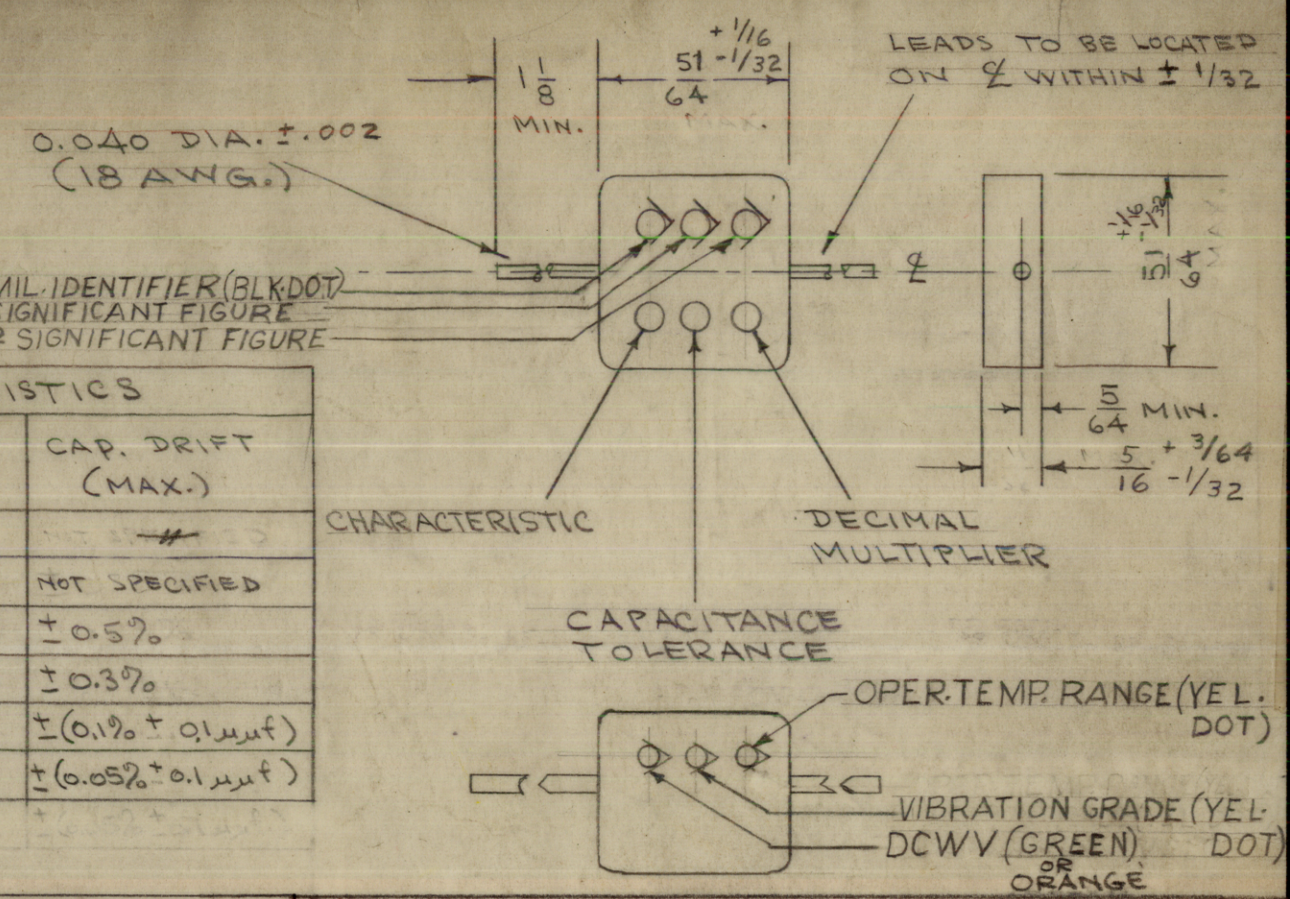
NOTE:
 1. ADD "MIL" TO PART NUMBER FOR MILITARY SUPPLY.
 2. "FOR SPECIAL VOLTAGES SEE TMC CM100."
 3. SEE TMC CM100 BEFORE USING ANY SUFFIX.

SPECIFICATIONS

OPERATING TEMPERATURE RANGE- -50 TO +125°C (0)
 VIBRATION GRADE- 10 TO 2,000 CPS (3)
 WEIGHT- APPROXIMATELY 0.25 OUNCE
 INSULATION RESISTANCE-(25°C) 50K Ω MINIMUM.
 (125°C) 3K Ω MINIMUM.
 MOISTURE RESISTANCE- 3% OR 1.0 μmf CAP. CHG. MAX.

CHARACTERISTICS	
TEMP. COEF. parts/mi/°C	CAP. DRIFT (MAX.)
A	NOT SPECIFIED
B	NOT SPECIFIED
C	-200 TO +200 $\pm 0.5\%$
D	-100 TO +100 $\pm 0.3\%$
E	-20 TO +100 $\pm (0.1\% \pm 0.1 \mu\text{mf})$
F	0 TO +70 $\pm (0.05\% \pm 0.1 \mu\text{mf})$

COLOR CODE					
COLOR	CAP.		TOLERANCE %	CHARACTERISTIC	DCV VOLT.
	SIG. FIGURE	DEC. MULT.			
BLACK	0	1	—	A	
BROWN	1	10	1 (F)	B	
RED	2	100	2 (G)	C	
ORANGE	3	1000	—	D	300
YELLOW	4	—	—	E	
GREEN	5	—	5 (J)	F	500
BLUE	6	—	—		
VIOLET	7	—	—		
GREY	8	—	—		
WHITE	9	—	—		
GOLD	—	0.1	—		
SILVER	—	0.01	—		



REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
#	#	THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
#	#	CAPACITOR, FIXED	
#	#	MICA DIELECTRIC	
#	#	CDR. 6-1454	
#	#	As J. J. J.	
#	#	As J. J. J.	
#	#	CM 35 G	

ISSUE	ITEM	CHANGED FROM	DATE	CN. NO.	DRAFTS	CHECKER	ENG. APP.
G		DELE "YY" & MIL-C-5 REF NOTE	1.3068	18749			
F		BRN TOL WAS # (NONE)	11.14.66	17246			

MODEL	PROJECT NO.	ASS'Y. NO.	DATE
A-1122			4/28/58
XFK			4/11/58